Kanneberg

Steel Roofing and Siding

Sold Direct from Us to You
"We Pay the Freight"

Made by

Kanneberg Roofing and Ceiling Co.
established ~ 1886
Canton ~ Ohio, U.S.A.

THE
ATHENÆUM
OF
PHILADELPHIA.
JOHN LIVEZEY FUND
Ref. TH 2457.K3

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What Roofing Shall I Buy?

SOONER or later every man must settle this question.
Shall it be wood, composition, slate or metal?
As each is considered, perhaps the first but surely the most important point to be determined is—"How long is it going to last?" Of course the answer depends on what "it" is.

If you decide on Kanneberg Steel Shingles—as we hope you will for your sake as well as ours—you will have answered the question of durability, as well as all other points to be considered, correctly. Our Steel Shingles are the culmination of the most critical and careful investigation and experiment, together with the knowledge we have gained after twenty-five years of making metal goods.

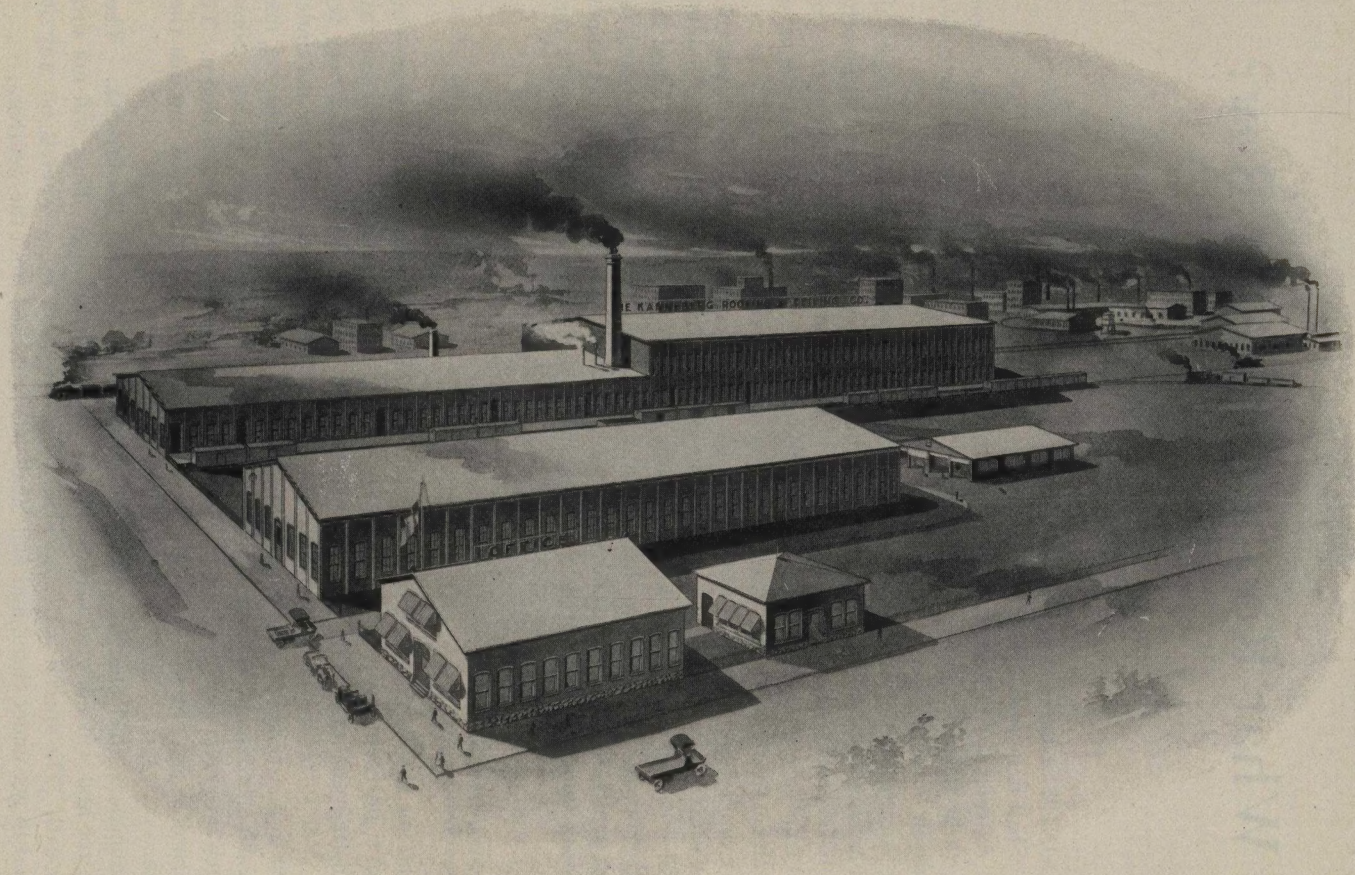
We don't believe in doing business by "knocking" other roofings; but a fair comparison is always proper and so, in our brief comparison of Kanneberg Steel Shingles with three or four well known kinds of roofing, we want to make it clear to you that anything we say detrimental to them is said without malice. Nearly every roofing has its good points—otherwise it could not be sold. But we want to show you that Kanneberg Steel Shingles have all the good features of every other roofing without their faults.

Kanneberg Steel Shingles vs. Wood Shingles

The big wood shingles of our grandfather's time had a life of many years—but you can't get them now. Then they were straight-grained cedar or cypress and had good lasting quality. Now they are machine cut, knotty, and last but a very few years. You yourself know that wood shingles rot, curl, blow off, and burn like tinder. A spark from a neighbor's burning building, a chimney fire, a stroke of lightning, may start a shingle roof and without city fire protection you are practically helpless. Somehow such fires seem always to start when the wind is high and the well is frozen. The fire hazard is the greatest objection to wooden roofs, no matter how durable they may be.

Kanneberg Steel Shingles cannot burn, hence they cut out the fire risk. They cannot rot and will not rust because of the heavy galvanizing. They will not drop off nor curl. The special nails and lock joint hold them firm. There's no way for the wind to get under them, and nail heads are protected from the weather.

The life of a Kanneberg Steel Shingle roof is the life of the house.



FACTORY OF THE KANNEBERG ROOFING & CEILING CO., CORNER ROBIN AND DOUGLAS STREETS, CANTON, OHIO

Kanneberg Steel Shingles
vs. Prepared Sheet Roofing

Such roofings, as you know, are made of paper, burlap or the like, saturated with asphalt or tar. Obviously, they cannot be fire-proof. The hot sun in summer softens the asphalt or tar so it runs. In winter the cold causes it to contract and crack. It is this drying out action of the weather that is the ruin of prepared sheet roofings. Their life cannot be a long one. While they last they are water-proof, but you cannot afford the time or money to replace a roof every few years, when you can get one for about the same price that will last a lifetime.

Besides being absolutely fire-proof, Kanneberg Steel Shingles turn water like a duck's back. There is no way for water to get through. The patent lock joint is absolutely water-tight. And the water that runs off of such a roof makes clean water for your cistern. The summer sun and the cold of winter cannot harm them.

As far as appearance is concerned, there is no comparison between these shingles and sheet roofing.

Kanneberg Steel Shingles
vs. Slate and Tile

There's no dodging the point that slate makes a good-looking roof and that it is fire-proof and rot-proof. But there is no slate roof as handsome as one made of our style A, B or C Steel Shingles. We'll leave that to any fair judge.

However, the question is, are looks the deciding qualification? To shed water, slate must be laid on a fairly steep roof. Slate cracks in severe cold. Slate drops off and the nails rust because they are not protected. Slate is very heavy, often requiring special reinforcements to the roof timbers.

Kanneberg Steel Shingles are far handsomer, and are as fire-proof and as rot-proof as slate. They do not warp nor crack in extreme changes of temperature. They cannot drop off. They can be laid on as low a pitch as 4 per cent. They are very light and require no new nor heavy shingle lath.

No Building Covered with Kanneberg Steel
Shingles Ever Was Damaged by Lightning

Some of your buildings, no doubt, are fitted with lightning rods. Why did you put them there? Because you wanted to give the lightning a chance to get into the ground without passing down through the frame of the building. You can't keep lightning away, but you can provide an easy way for it to get into the ground, and a properly installed lightning rod does it. So with a Kanneberg Steel Shingle roof. It is just like a big lightning rod all over your building. Hence we guarantee that a Kanneberg roof is proof against damage from lightning and back it up with our binding offer to refund the money should a roof of Kanneberg Steel Shingles be damaged by lightning.

Kanneberg Steel Shingles
Are Heat- and Cold-proof

When laid with sheathing paper under them, Kanneberg Steel Shingles make a warm roof in winter and a cool one in summer. They do not hold the heat like slate or prepared sheet roofing, but they are as warm as the latter in winter.

Kanneberg Steel Shingles
Require No Repairs

Properly laid, the first cost is the only cost for these galvanized steel shingles. Of course, if you select the painted steel shingles, they will need a coat of paint about every three years; but thus cared for, you will never have any repairs to make.

Kanneberg Steel Shingles
Combine the Good Features of All Roofings

without their faults. Kanneberg Shingles are as handsome as slate; last longer than wood, slate or prepared roofing; are storm-proof, fire-proof, rust-proof, rot-proof, heat- and cold-proof, lightning-proof, and free from constant repair troubles that all other roofings bring you. They are practically impervious to all external and internal attacks to which a roof is exposed.

Regarding the question of comparative costs, reference to the prices in this catalog will show that Kanneberg Steel Shingles cost no more at first than any other good roofing and, considering their long life and freedom from repairs, are cheaper than any.

Kanneberg

Steel Shingles Make Durable Roofs

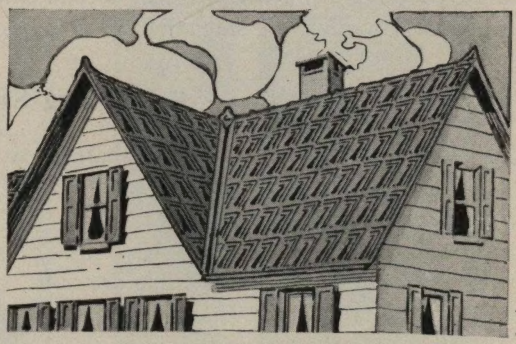
THERE is no metal roofing or siding that is made of better material or in a more careful manner than Kanneberg Steel Shingles. We have never cut costs in securing the best quality of steel for our basic material.

All galvanized or painted metal shingles may look alike from the outside, but if you could see under the coats of zinc or paint you would see that the steel used in our shingles is of the highest grade without the defects which so often are covered by the paint or galvanizing. We have been making sheet metal goods for over twenty-five years and know how and where to buy the highest quality of metal—and we do it.

Our Steel Shingles are made of full 28 gauge steel and are embossed in heavy die presses. This embossing not only gives a handsome design, but imparts a stiffness to the shingles which prevents buckling and rattling.

The galvanizing is both heavy and of such a nature that it will not crack nor flake off when bent. This is a very important consideration.

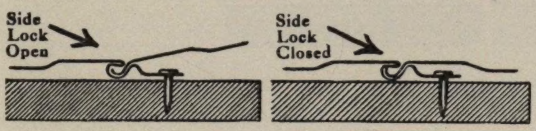
Our painted shingles are dipped into iron oxide paint mixed with pure linseed oil. All parts, including the lock joint, are thoroughly covered. After several days' drying they are packed for shipment. We recommend that an additional coat of good quality metal roof paint be applied after these shingles are laid.



House Roofed with Kanneberg Steel Shingles

Kanneberg Shingles Are Easy to Apply

A hammer and a pair of tinners' shears are the only tools needed. No solder is required. If you will refer to the instructions on page 11 you will see that while they go fully into details, these shingles can be laid very quickly and easily. Instead of the 1,000 wood shingles to the 100 square feet of roof, there are only 136 of our 10x14 size.



End View of Lock Joint

Church Roofed with Kanneberg Steel Shingles

Our lock joint is absolutely water-tight. It is what we call a "high lock." That is, the lock is the high point when the shingle is laid, so that the water draws away from it instead of following the joint down the roof. The small pictures on page 7 show how an end view of it looks.

You will note that on the right-hand side of the shingle is formed a nailing flange and lock into which the turned-up edge on the left-hand side of the next shingle is inserted.

When lying flat, these shingles cannot be pulled apart by any ordinary force.

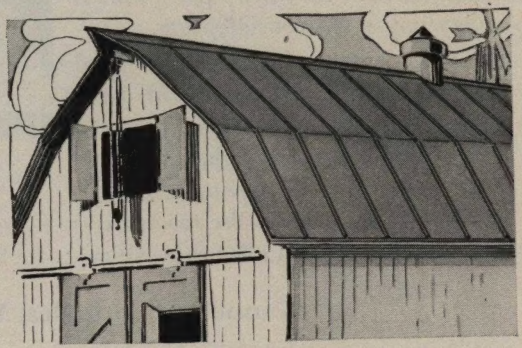
The parts of the lock fit closely, yet there is ample room for natural *expansion* and *contraction* under changes of temperature. The nails in the flange of the first shingle are covered and protected by the second shingle. Dampness cannot get to the nails to rust them out. We ship with the shingles enough special nails to lay them.

Kanneberg Steel Siding

Our siding is made of similar material to our steel shingles. They are of the same high grade in material and manufacture and the designs are very neat.

Both our shingles and siding are entirely suitable for residences, churches, schools, public buildings—in fact, all buildings worthy of a good roof.

For buildings where looks are not of such importance as protection from the weather, we recommend our numerous styles of plain and corrugated sheet roofing shown in this catalog.



Barn Roofed with Kanneberg Standing Seam Steel Roofing

KANNEBERG STEEL SHINGLES

Styles "A" and "B"

There is very little difference between these two styles. The side lock and overlap features are precisely the same, the difference being in the designs, Style "A" being plainer and not so ornamental as Style "B."

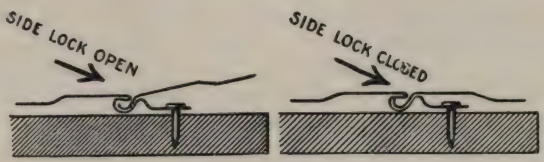
Styles "A" and "B" are made in the one size, 10x14 in., and require one hundred and thirty-six shingles to cover a square.

Kanneberg Steel Shingles are packed for shipping in strong crates containing one square or sufficient shingles to cover one hundred square feet. Each shipping case contains complete instructions for laying.

These shingles are ornamental, durable and easily applied. Patent joint is absolutely water-tight.

Style "A"

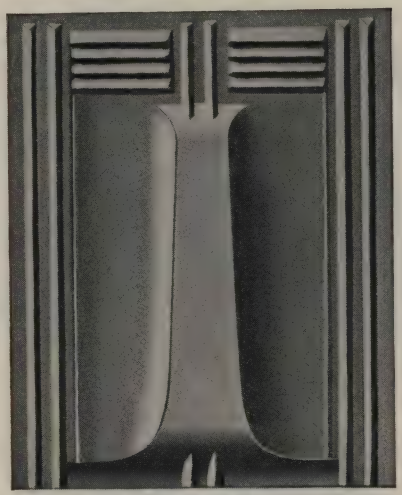
Style "B"



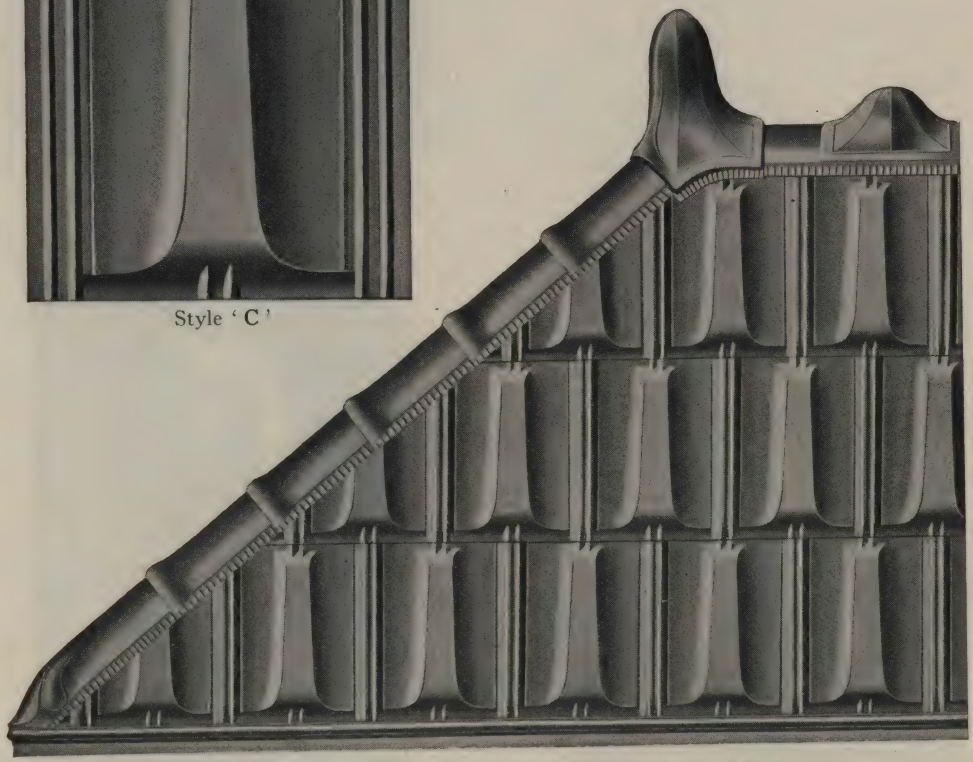
We can furnish in Painted or Galvanized Steel, Toncan Metal, Tin or Copper. (See page 73 for table of weights.)

Write for Prices.

Style "C"



Style 'C'



Section of Roof Covered with "Style C" Steel Shingle, with Hip and Gable Finials, Hip Moulding and Cresting Blocks

This style of Steel Shingle has many advantages over any others on the market. Our "Style C" is formed in sheets, 14x80", thus greatly reducing the number of joints, which fit perfectly, leaving no possibility of a leak. The cost of applying is one-fifth that of ordinary shingles. They make a durable roof, and for ornamentation no other roofing approaches our "Style C" Steel Shingle. Builders and owners should investigate this new shingle very carefully to learn of its superiority.

General instructions furnished with each shipment. This style of Steel Shingle is made in Painted or Galvanized Steel.

(See page 73 for table of weights.)

Write for Prices.

INSTRUCTIONS FOR LAYING STYLES "A" AND "B" KANNEBERG STEEL SHINGLES WITH HIP MOULDING VALLEY AND RIDGE FINISH

Our Steel Shingles are applied by practically the same methods as in laying of wooden shingles or slate. Cover building with sheathing boards laid tight joint. Boards must be of even thickness. Sheathing board should be laid parallel with the ridge and eaves or diagonally, but never up and down.

We recommend the use of sheathing paper, it being a non-conductor and adding warmth to the house in winter as well as making it cooler in hot weather, and adding very little to the cost. Tarred paper should never be used under metal roofing, as the acid in tar injures the metal.

Commence laying the shingles at the lower left-hand corner when facing the comb of the roof. Lay the first course projecting over the eaves an inch or more, except when our eave finish is used, using a chalk line to keep the course straight at the bottom. The bottom of the shingle is the guide to lay a straight course—not the top.

At the end of the building (except when Gable End Finish is used) the shingles should project about an inch over the roof boards. Turn sides down and nail. In laying the second and subsequent courses each alternate course will start with a half shingle in order to break joints. The workman must use his own judgment when cutting and fitting are necessary.

Where Our Improved Eave Finish is Used

the same method of application is carried out except that the shingles do not project one inch out over the Eave Board.

Our Eave Finish is applied directly to the Eave Facing or Facing Board, allowing the moulded portion to project down over the facing or Eave Board. This will throw the embossed or step effect on our Eave Finish up on the roof, and give the proper lap or starting point for the first course of shingles, thus producing a very neat and artistic finish as well as an absolutely weather-proof joint.

In Flashing

against the side wall, bend the shingle so that it projects up the side of the wall at least three inches and counter-flash down to within an inch of the roof line.

If our Valley is used it will insure perfect weather-proof joints and aid greatly in laying the shingles. Lay the valley from eaves to comb of roof. Nail only on the outer edge of the flange.

In laying shingles towards the valley to make connection, cut the shingle to the same angle as the valley, allowing it to project about one-half inch over the fold, and turn same under to form a hook; then with tongs or other tool lock the shingle to the flange of the valley. The fold in the valley allows for contraction and expansion.

Continuous Ridge and Hip Moulding

also ridge finish, are applied over the main roof after the shingles are laid entirely to the ridge or hip and allowed to project, cutting off one inch beyond the ridge or hip line. This projection is to be turned down over the ridge or hip and nailed.

The shingles on the opposite side of the roof are allowed to project about an inch back over the ridge or hip line and over the side already finished; then turn down and nail. This method will give a double covering of shingles at the ridge and hip line with both edges nailed. The continuous ridge and hip moulding or ridge finish is then laid in place and nailed, starting from the bottom upward, overlapping each other enough to make a tight joint.

The laying of Kanneberg Steel Shingles is not difficult or complicated. Any good workman who understands the simple rules of applying wood shingles or slate can lay the Steel Shingles with only ordinary tools, such as a pair of snips and a hammer. No solder is used.

INSTRUCTIONS FOR LAYING KANNEBERG STYLE "C" STEEL SHINGLES

Commence laying the Shingles at the lower left-hand corner when facing the comb of roof. Let the end of first course extend 1¼ inches over end of roof, turn projection down and nail. Project the lower edge of course over eaves one inch, except when our Improved Eave Finish is used, using a chalk line to keep the course straight at the bottom. Nail every five inches between beads along bottom of course, using galvanized nails, with lead washers.

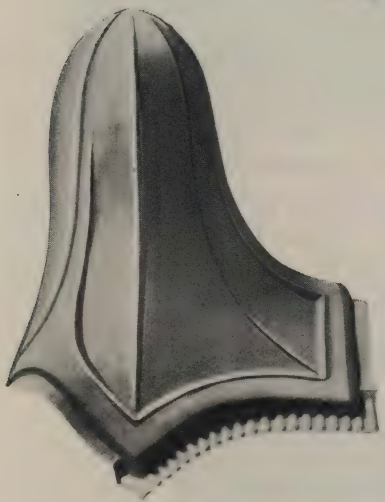
In applying the next course, allow one-half shingle to project over end of roof in order to break joints and produce the proper ornamental effect. Before nailing the second course along the bottom, see that the lower part of embossing is placed up tight against the lower cross corrugation at the top of the Shingles in the first course. This will make an absolutely water-tight joint. Nail along bottom of course every five inches as stated above.

In laying the balance of the roof each alternate course will start with a half shingle projection over end of roof in order to break joints.

In the matter of sheathing boards and paper, handling of valleys, hip and ridge moulding, etc., see instructions for laying Styles A and B Shingles.

FITTINGS AND ORNAMENTS FOR STEEL SHINGLES

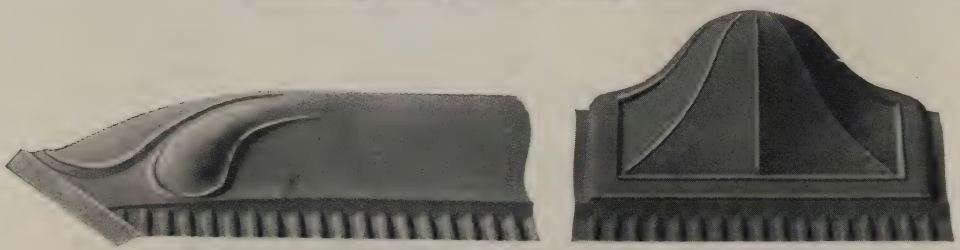
Hip and Gable Finials



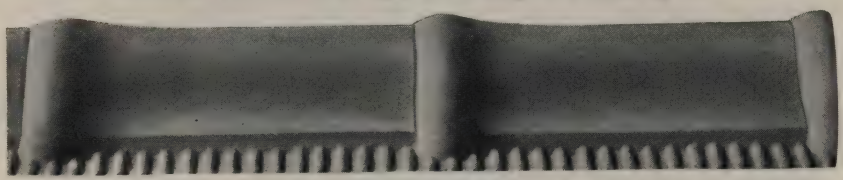
Style "A" Hip Finial

Style "B" Gable Finial

Finishing Ends and Cresting Blocks



Continuous Ridge and Hip Moulding

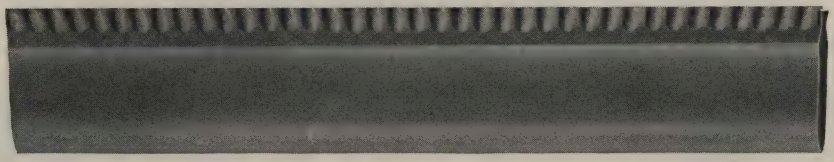


Style "A" Ridge and Hip Moulding. 10 inch Girth, made in 4 foot lengths

This style moulding can be used as a Hip or Ridge Moulding, and when used with our Hip Finishing Ends and Hip and Gable Finials makes a very artistic and complete finish without the use of Cresting Blocks.

Write for Prices.

FITTINGS AND ORNAMENTS FOR STEEL SHINGLES—(Continued)

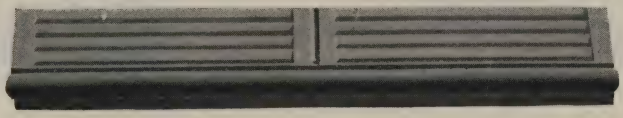


Style "B" Ridge and Hip Moulding. 10 inch Girth, made in four foot lengths

Style "B" moulding can also be used in same manner as Style "A," but when used as a Ridge Moulding and a very ornamental finish is desired we recommend with it the use of our Cresting Blocks, which are made to fit over this moulding. Both Styles "A" and "B" Moulding can be used with either Style "A" or "B" shingles.

Made of Galvanized Steel, Tin or Copper.

Improved Eave Finish



The above illustration shows our Improved Eave Finish, which is applied directly to the eave or facing boards with the moulded portion extending down and covering the edge of the eave board, and the embossed or step effect extending up on the roof, which gives the proper starting point for the first course of shingles.

We recommend the use of this Eave Finish, as it gives a very artistic and complete finish, as well as an absolutely weather-proof joint.

Corrugated Valley

16 and 20 inch Girth, made in 10 foot lengths

Write for Prices.

KANNEBERG STEEL SHINGLES

Cushman Type

Are used for roofing on all styles of buildings having roofs not less than quarter pitch; they are also used for siding.

When applied they present a beautiful appearance. We allow for end and side laps, charging only for covering length and width.

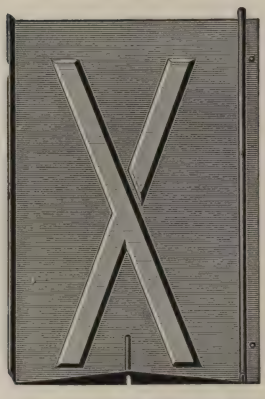
The number of shingles in a square of each of the three different sizes when applied will cover 100 square feet as follows:

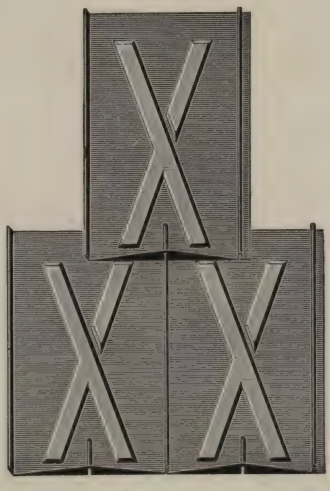
14x20 size cover 12½x18 inches.	A square consists of 64 shingles.
10x14 size cover 8½x12 inches.	A square consists of 140 shingles.
7x10 size cover 5½x8¼ inches.	A square consists of 320 shingles.

Packed in crates, each containing one square. We do not break a crate to fill a fractional order, but ship a whole square.

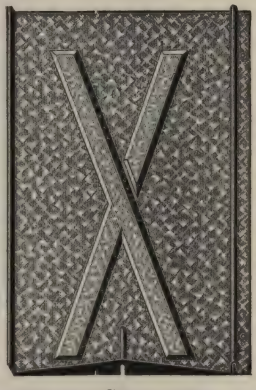
No. 3

No. 2





No. 4



No. 28 Gauge Bessemer Steel, Painted

Sizes 14x20, 10x14, 7x10.

IX Terne Tin, Painted

Sizes 14x20, 10x14, 7x10.

No. 28 Gauge Best Bloom Galvanized Steel, Unpainted

Sizes 14x20, 10x14, 7x10.

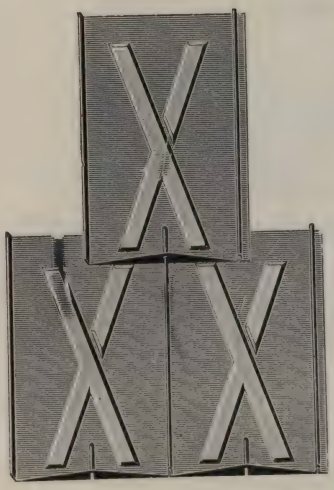
No. 28 Gauge Best Bloom Galvanized Steel, Painted

Sizes 14x20, 10x14, 7x10.

Prices on Copper Shingles furnished on application.

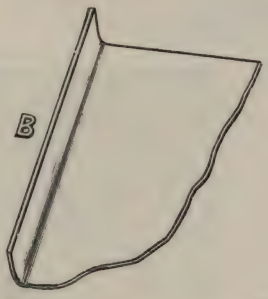
(See page 73 for list of weights.)

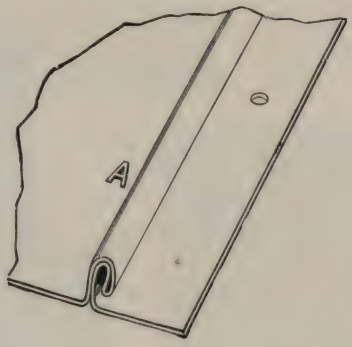
Write for Special Net Prices.



INSTRUCTIONS FOR APPLYING CUSHMAN TYPE STEEL SHINGLE

Commence to lay the shingles from the eaves, covering the lower right-hand corner with the shingles projected 1 inch over the side, and 1 inch over the eaves. Then drive a nail through the nailing flange close to the seam and about 2 inches from lower end, secure the upper end in same manner; bend down the projection at side, nailing it to the edge of sheathing board.

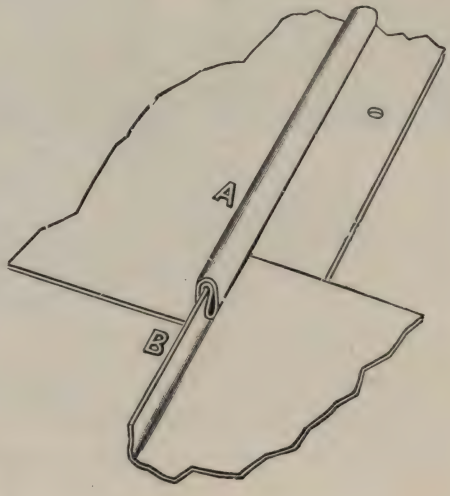




Take the next shingle, hook the flange B into opening of seam A as shown, slip into position and nail through the nailing flange same as first shingle.

Commence the second course with half of a shingle, lap same 1¾ over the first shingle of the first course, then proceed as before.

If a ridge roof, finish same with ridging. Page 40. Flashings, gutters, valleys, etc., are made in same manner as when the ordinary shingle is used.



KANNEBERG STEEL CLUSTER SHINGLES

These shingles come in sheets 60 inches long, covering 24 inches width of roof. They make a very attractive and fire-proof, storm-proof, lightning-proof protection for any building. They can be used for roofing, siding and finishing gable ends.

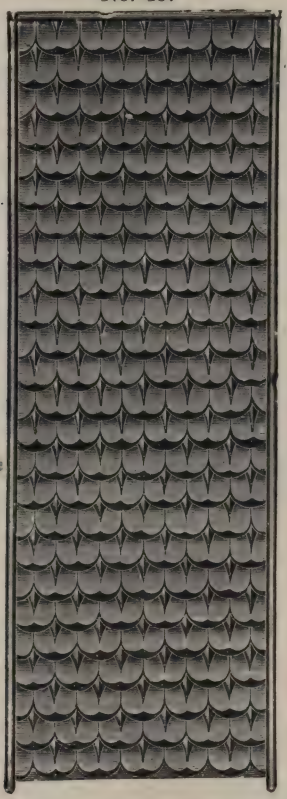
Our Cluster Shingles are made of No. 28 Gauge Bessemer Steel painted and best bloom galvanized steel.

The sheets as indicated by No. 157, for roofing, are furnished with pressed standing seam sides and applied with cleats in the same manner as our Pressed Standing Seam Roofing, page 25.

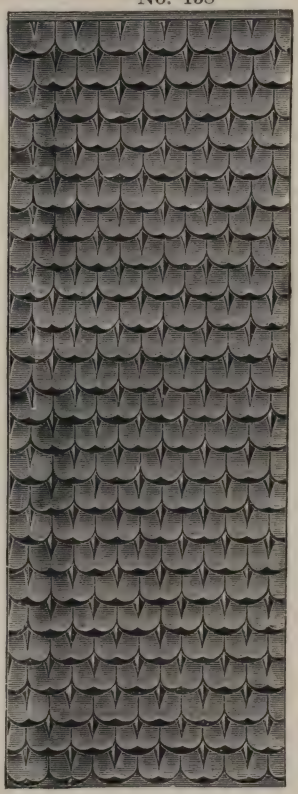
The sheets as indicated by No. 158, for siding and finishing gable ends, are made to lap one-half shingle at sides.

A square consists of such a number of sheets in length as would, when multiplied by the actual covering width, make 100 square feet.

No. 157



No. 158



PAINTED. Made of Bessemer Steel No. 28 Gauge.

UNPAINTED. Made of Best Bloom Galvanized Steel, No. 28 Gauge, or furnished in Galvanized Steel painted on both sides at a small additional cost.

Instructions for laying same as for Standing Seam Roofing, page 26.

Write for Special Net Prices.

KANNEBERG PATENT FOLDED LOCK SEAM ROLL ROOFING—PAINTED OR GALVANIZED

Painted Bessemer Steel

This is the latest improved roll roofing and is the most perfect in every detail of any ever invented. It is suitable for all kinds of buildings and can be used on as flat surface as ¾-inch fall to the foot, but for very long rafters the pitch should be greater. It is fire-, lightning-, storm- and water-proof; by its use the cost of insurance is reduced. It is durable and if kept painted will last.

A coat of our mixed paint applied once in two or three years is sufficient, except when exposed to sulphur or other corrosives; then it should be painted oftener.

It is made from specially selected Bessemer steel sheets 27¼ inches wide by 108 inches long, perfectly square at each end and painted on both sides with red iron ore paint (see page 59). When thoroughly dry the sheets are connected at the ends by water-proof cross seams, either single or double lock.

The strips of roofing are then put up in rolls containing 100 or 200 square feet. We can cut the strips to any special length when so ordered.

Each roll is labeled on the inside, giving the number of square feet it contains.

Galvanized

We prepare this in the same manner as our Bessemer steel roofing, except it is only painted when so ordered.

Its use is advisable when soldering is required; also in regions where extreme chemical influences prevail.

The prices of our Galvanized Roofing and Siding, all styles, are now within the reach of everybody, and while first cost is little more than painted steel, yet it is the cheapest roofing in the end. It is very durable and therefore satisfactory.

Kanneberg Patent Method of Construction

By this method the edges on the sides of the strips are joined together by a folded lock standing seam one inch high, in the combination of which is employed a cleat or fastening, which not only saves time and labor but securely locks the roof in place; thus a more uniform tension is obtained which provides for contraction and expansion. The seam formed by this modern method is not broken nor punctured, has no separate caps, eyelets, rivets or riveting, no cleats are exposed, but is continuous for any length desired without a blemish to mar its neatness or architectural beauty; being free from any complications, this construction is the simplest as well as the most effective ever produced.

Flashings, gutters, valleys, ridge and hip seams are easily and quickly made by this method.

Tools

We have special tools to apply our patent roofing (page 24) and always ship them with it, except to agents having a set of their own. We loan the tools and make no charge for their use except an estimate cost for freight both ways, provided they are returned promptly and in good order as soon as the roofing is applied. If not so returned they will be considered sold and invoice rendered for them.

When returning the tools the customer is expected to consign them to us by freight, attaching the tool card enclosed with the invoice and mail us bill-of-lading so we can trace them if lost en route.

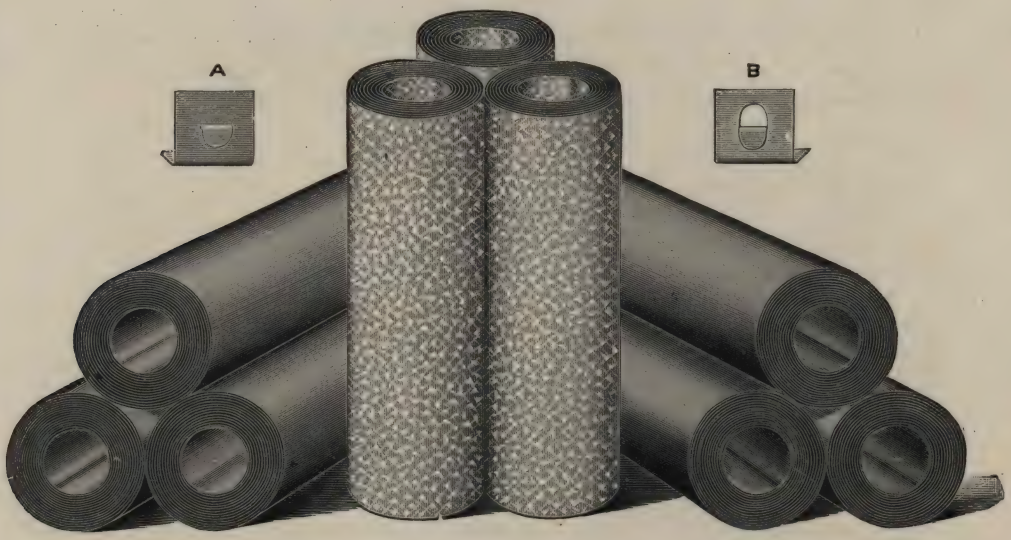
A square consists of a strip 27¼ inches wide by 50 feet long, or its equivalent, together with the necessary cleats and use of tools.

We do not charge for the material consumed in making the standing seam, but for covering width only.

We can ship either style cleat as shown by A and B in No. 1, but always style A unless otherwise ordered.

With cross-locks soldered on the Best Bloom Galvanized Steel, add 15 cents per square to net price.

No. 1



Single or Double Cross-Locks

PAINTED

Furnished in Bessemer Steel No. 28 Gauge or No. 26 Gauge.

UNPAINTED

Furnished in Best Bloom Galvanized Steel No. 28 Gauge or No. 26 Gauge.

For the Galvanized Steel painted on both sides a small additional charge is made.

Write for Special Net Prices.

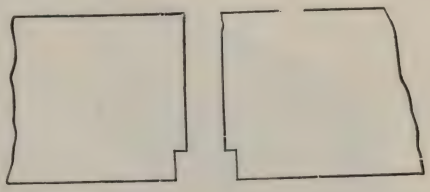
INSTRUCTIONS FOR APPLYING KANNEBERG FOLDED LOCK SEAM ROOFING

Can be applied over lath or old shingles, in which case they should be swept perfectly clean; but if the same are old and have been in use before, be sure no old nails remain to puncture the roofing full of holes; can also be applied over sheathing boards, which makes the best surface to which to apply any kind of roofing.

Obtain the exact length of the roof from ridge to eaves; allow for turn down at eaves; 1 inch as a rule is sufficient; if a ridge roof, allow 1 inch on the one side, and 2 inches on the other for ridge seam; if a shed roof, built against another building, allow about 6 inches for flashing; if the shed stands alone, allow 1 inch for turn down at top, same as for eaves.

Cut a sufficient number of strips to the length required and roll each one up separately; if the last of the roll does not contain material enough to make the required length strip, then join it to the next roll with a cross-lock, as follows:

A Cross-Lock



Take the two strips that are to be joined together, make a notch 1½ inch long by ⅝ inch deep at the corners of the two ends, and on the side that the 2¼ inch flange is to be turned up, then take the tongs and turn a ⅝ flange on each strip; hook them together and mallet down flat; then proceed and cut the strip to proper length.

The roofing should always be applied from right to left, looking down from the ridge, as the tools work to a much better advantage in forming the standing seams; therefore the work progresses more rapidly.

Take one of the strips, turn up a 1-inch flange with the 1-inch tongs, and place in position, allowing 1 inch to extend over eaves and side; mallet down the extensions, nailing them about every six inches. For the projection at ridge, if a ridge roof, see page 22; if a flashing is required, see page 23; if a mere turn down is required, finish same as at eaves.

Then proceed to complete the seams as shown on opposite page.

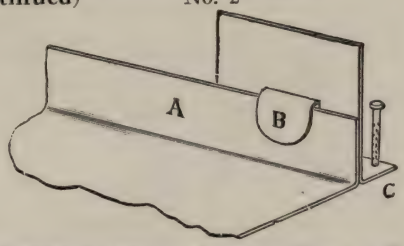
After the roof is completed it should be given a good coat of paint, as the use of the tools and walking over it will rub off some of the first coat and these unprotected places will rust. We consider the best paint for this purpose our red Mixed Oxide of Iron Paint (page 59); but if the customer prefers can furnish the Oxide of Iron in the dry form (page 60), and he can mix it to suit himself.

To avoid danger from falling, in applying the roofing, make two temporary ladders and lay one on each side of the roof; or a rope is often used securely tied around a man's waist and held by another man at the ridge; a great many use only rubber shoes. The method used should depend on a man's experience.

INSTRUCTIONS FOR APPLYING KANNEBERG FOLDED LOCK SEAM ROOFING—(Continued)

No. 1

No. 2

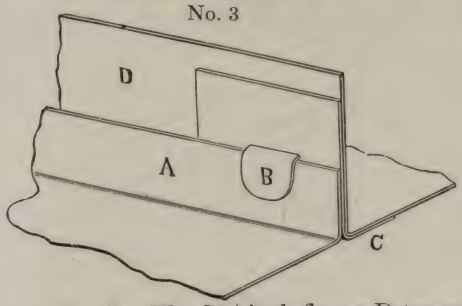


No. 1. The cleat or fastening is made of the same material as the roofing, is 2 inches high by 2¼ inches wide.

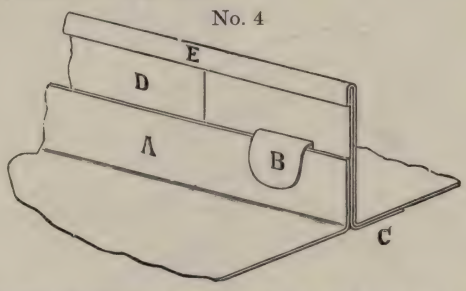
No. 2. The 1-inch flange turned up on the roofing by the 1-inch tongs: the tongue B of cleat hooked over it and securing at C of foot of cleat to the sheathing boards.

The cleats are placed 12 inches apart and secured in place by two 1-inch steel nails, except when applying over old shingles; then use 1¾-inch.

No. 3



No. 4

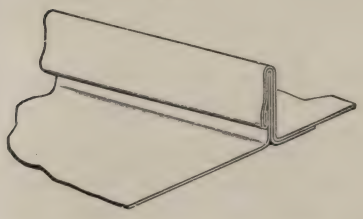


No. 3. The 2¼-inch flange D turned up on the next strip of roofing with the 2¼-inch tongs and placed against the back of cleats and 1-inch flange.

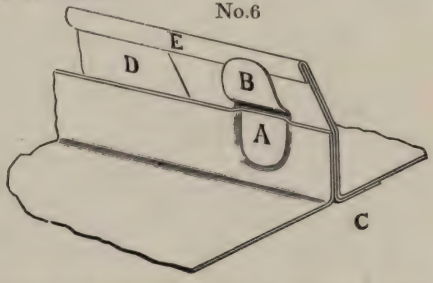
No. 4. The ¼-inch hem E seamed over the cleats as follows:

Seam the ¼-inch hem horizontally over the cleats with the 2-inch seamers, folding it down in place with the treadle of the seamer reversed.

No. 5



No. 6

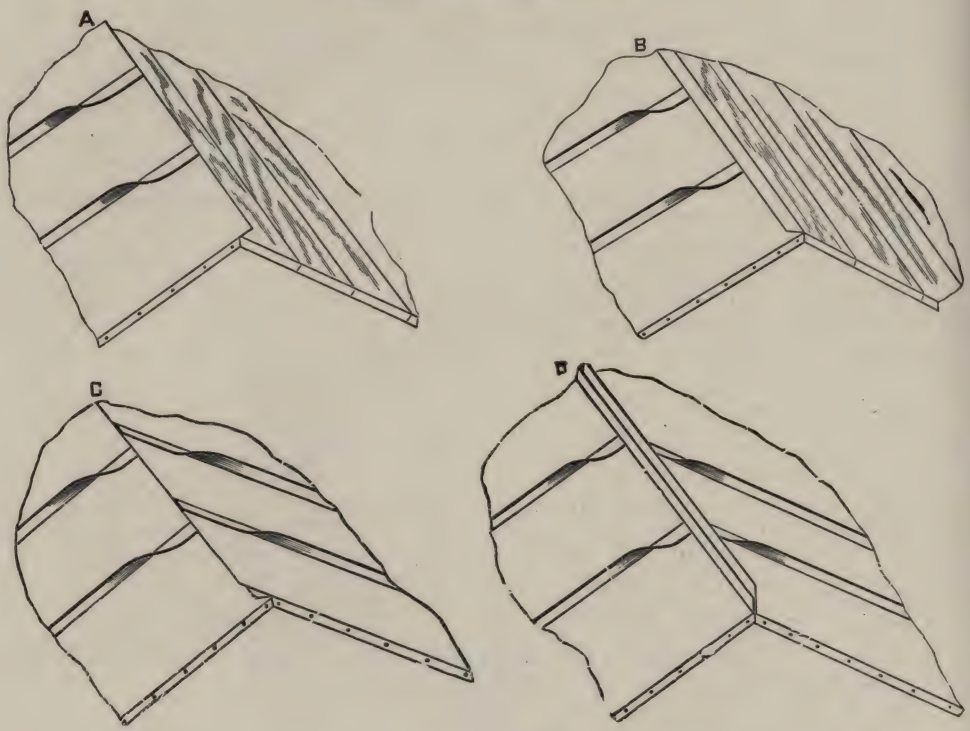


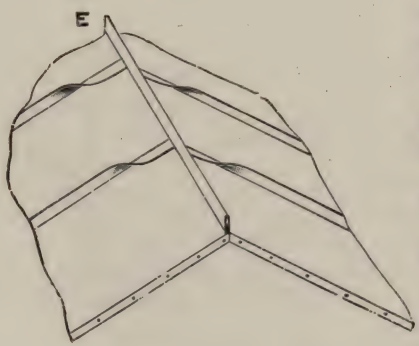
No. 5. The upper half of the unfinished seam as shown in No. 4, seamed over the 1-inch flange with the 1-inch seamers (in the same manner as when making the ¼-inch hem) thus completing the seam.

No. 6. The completed seam bent back to show how the tongue B, when the seam is being formed, presses against the flange A, indenting it into the aperture of cleat and locking it in place.

INSTRUCTIONS FOR APPLYING KANNEBERG FOLDED LOCK SEAM ROOFING—(Continued)

Ridge and Hip Seams





A—Shows the roofing in place on the side that the 1-inch allowance has been made for ridge seam; the folded sides of the standing seams are malleted down flat for about 8 inches from the ridge.

B—With the 1-inch tongs turn the projection back and down so as not to interfere when opposite side is being laid.

C—Shows opposite side of roofing laid, with the 2-inch allowance extending over the 1-inch.

D—With the 2¼-inch tongs turn both flanges up straight.

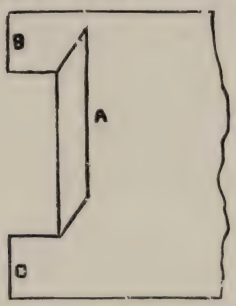
E—Then with the 2-inch seamer, seam the 2-inch flange over the 1-inch, thus completing the seam.

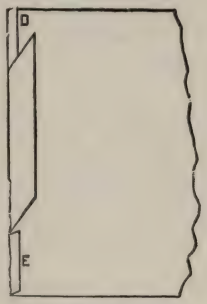
A hip seam is made in same manner as explained above.

INSTRUCTIONS FOR APPLYING KANNEBERG FOLDED LOCK SEAM ROOFING—(Continued)

Flashings

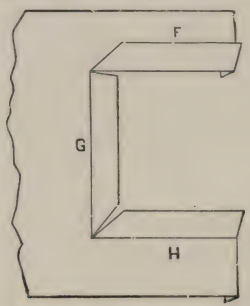
Measure the distance from the eaves to the lower side of chimney, allowing 1 inch for turn down at eaves and 4 inches for flashing and cut the strip accordingly.

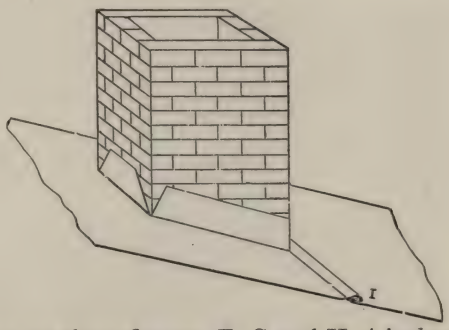




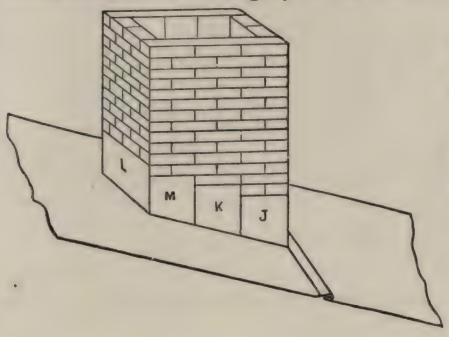
Then turn up the flange A, 4 inches high and the exact width of the lower part of chimney.

Cut off 3 inches of the projections B and C, leaving 1 inch for Cross-locks D and E, and lay the strip in place.





Then take a piece of the roofing, turn up three flanges, F, G and H, 4 inches high and fit exactly to the chimney; place same in position and join to the lower strip with Cross-lock I. Thoroughly cover the corners with cement.



Then take a small piece of roofing and turn up a 5/8-inch flange on the upper part and at right angles to it, cut the piece to fit the lower corner of chimney and drive the flanges into the mortar between the bricks as shown at J. Then drive in several nails so that the heads will extend down and over the flashing and hold it in place.

Then take the piece K and lap it over J and proceed till the flashing is completed.

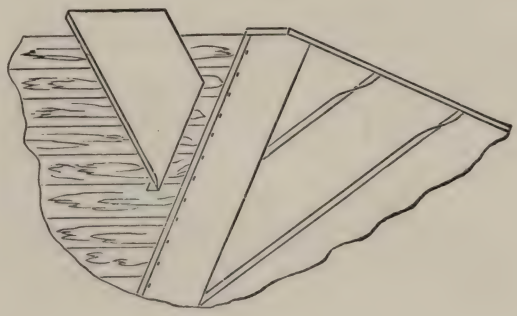
The flashing at back of chimney should be in one piece as shown at L, bent around the upper corners M.

INSTRUCTIONS FOR APPLYING KANNEBERG FOLDED LOCK SEAM ROOFING—(Concluded)

It is next to impossible to flash around an iron smoke stack without the proper tools. If the customer will give us the exact diameter of stack and pitch of roof, we will make a flashing, charging for same at cost, which when in position will give perfect satisfaction.

In flashing against a side or end wall, the 6 to 8 inches allowance made is formed against the wall and nailed to it; then a counter flashing is formed, same as explained for chimney flashings.

Valleys and Gutters



Form a strip of the material 12 to 18 inches wide to fit the valley, turn up a 5/8-inch flange on each side of same and place in position; secure in place by nailing close to the flanges as shown above; then turn up a 5/8-inch flange on the roofing, hook to the valley and mallet down flat.

Tools

Our tools for Kanneberg Patent Roofing consist of one pair 2-inch seamers, one pair 1-inch seamers, one pair 2¼-inch tongs, one pair 1-inch tongs, one pair hand shears, one hammer and one mallet.

After the roofing has been applied, please pack the tools in tool box, attach to it the tool card and consign to us by freight, mailing us bill-of-lading.

KANNEBERG PRESSED STANDING SEAM STEEL ROOFING

Made of Painted or Galvanized Steel

This style of roofing is used on all kinds of buildings. Is best adapted for roofs having a steep pitch.

Made from the best material, painted on both sides with red iron ore paint (see page 59), and shipped in crates, edges ready formed, in 6, 7, 8, 9, 10, 11 and 12 foot sheets covering width 25½ inches.

Tools for applying:

1 pair squeezing tongs	$1.50	1 pair hand shears	$1.50
1 end lock folder	.50	1 mallet	.25

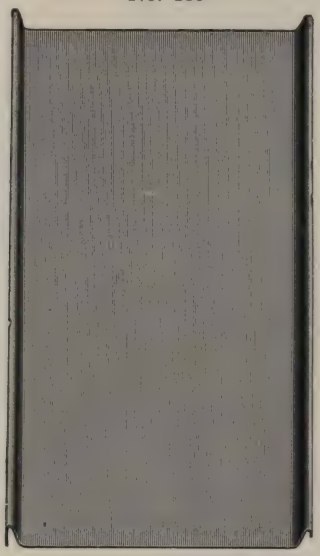
We charge for the tools and if so desired will refund the full amount when returned to us in good condition, freight prepaid.

When no length nor gauge is specified, we will fill the order with the sheets 8 feet long and No. 28 gauge.

We always furnish galvanized cleats with this style of roofing.

A square consists of such a number of sheets in length as would, when multiplied by the actual covering width, make 100 square feet.

No. 159



No. 160

PAINTED

Furnished in Bessemer Steel No. 28 Gauge or No. 26 Gauge.

UNPAINTED

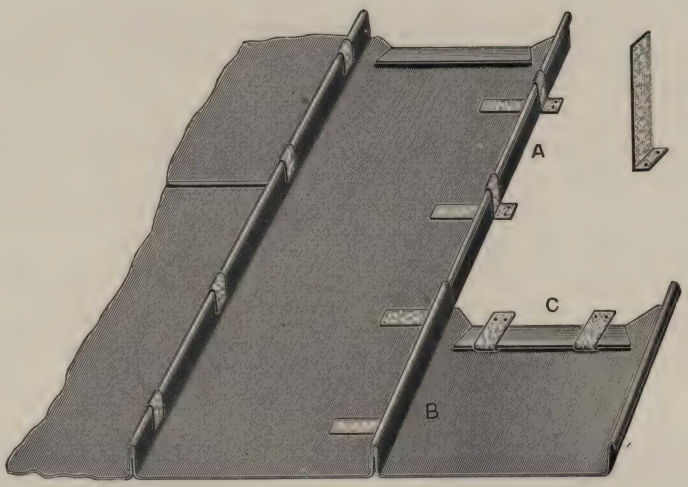
Furnished in Best Bloom Galvanized Steel No. 28 Gauge or No. 26 Gauge.

For the Galvanized Steel painted on both sides a small additional charge is made.

(See page 73 for list of weights.)

Write for Special Net Prices.

INSTRUCTIONS FOR APPLYING KANNEBERG PRESSED STANDING SEAM STEEL ROOFING



Can be lapped over sheathing boards, lath or over old shingles, on any pitch not less than two inches fall to the foot.

Commence to lay the sheets from the eaves to the ridge, allowing outer crimps to extend over the side; hammer down the crimp and secure same to the side by nail every 3 or 4 inches. Then place the cleats 12 to 15 inches apart to the standing side seam having the narrow crimp and secure them to the sheathing boards by two 1-inch nails, except when applied over old shingles, then use 1¾-inch; then bend the cleats over and down the side seams as shown at A.

The next course is commenced by placing the wide side seam B on sheet over the bent cleats on first course, fitting same closely over seam, then press together with squeezing tongs and bend the remaining portions of the cleat up over the double seam, then again press together with the squeezing tongs, thus completing the seam.

Always complete the seam before commencing the second course.

If a ridge or hip roof, finish same as shown on page 22; or with ridging, page 40.

For flashings, valleys and gutters, see pages 23, 24.

The roofing should always be applied from right to left, looking down from the ridge.

If desired, the ends of the sheets can be joined together by an end lock and cleats as shown at C.

KANNEBERG SELF-CAPPING ROOFING

Made of Painted or Galvanized Steel

This style of roofing is used on all kinds of buildings. It is easily and quickly applied because there are no separate caps employed.

Is made from the best material, either galvanized or Bessemer Steel painted on both sides with our red iron ore paint (see page 59) and shipped in rolls with a covering capacity of 100 square feet. We include the necessary galvanized cleats ready formed.

We make this style of roofing with either single or double seamed cross-locks. In ordering please state which is wanted.

For cross-locks soldered on the galvanized steel, add 15 cents per square to net price.

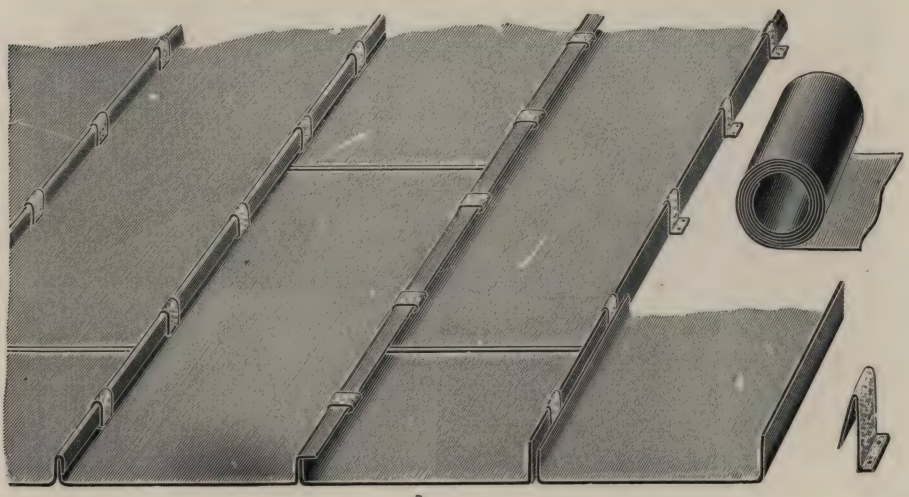
Tools for applying:

1 pair 1 inch Tongs.
1 pair 1¾ inch Tongs.
1 pair 1 inch Seamers.
1 pair Hand Shears.
1 Hammer.
1 Mallet.

We lend these tools and make no charge for their use, except an estimate cost for freight both ways, provided they are returned promptly and in good condition as soon as roofing is applied.

Apply roofing as shown in following cut.

No. 290



PAINTED

Furnished in Bessemer Steel No. 28 Gauge or No. 26 Gauge.

UNPAINTED

Furnished in Best Bloom Galvanized Steel No. 28 Gauge or No. 26 Gauge.

For Galvanized Steel painted on both sides, a small additional charge is made.

(See page 73 for list of weights.)

Write for Special Net Prices.

KANNEBERG ROLL AND CAP ROOFING

Made of Painted or Galvanized Steel

Is used for roofing all styles of buildings.

Is made from best material, either galvanized or Bessemer Steel, painted both sides with our red iron ore paint (see page 59), and shipped in rolls with a covering capacity of 100 square feet.

We include the necessary caps and galvanized cleats.

The sheets are connected by water-proof cross-seams, either single or double lock.

In ordering please state which is wanted.

For cross-locks soldered on the galvanized steel, add 15 cents per square to net price.

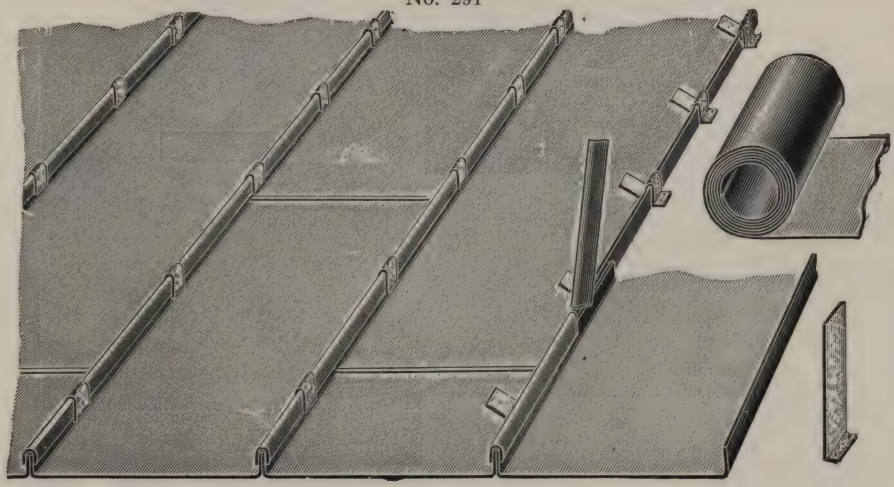
Tools for applying:

1 Pair 1 inch Tongs	$2.00	1 Pair Cap Squeezers	$1.50
1 Pair Hand Shears	1.50	1 Mallet	.25

We always charge for the tools, but if they are returned to us in good condition with freight charge prepaid, we will refund the amount.

The following cut shows how roofing is applied.

No. 291



PAINTED

Furnished in Bessemer Steel No. 28 Gauge or No. 26 Gauge.

UNPAINTED

Furnished in Best Bloom Galvanized Steel No. 28 Gauge or No. 26 Gauge.

For the Galvanized Steel painted on both sides, a small additional charge is made.

(See page 73 for list of weights.)

Write for Special Net Prices.

KANNEBERG V-CRIMPED PAINTED OR GALVANIZED STEEL

Used for Roofing, Siding and Ceiling

We make three styles of V-crimped, as follows:

2 CRIMPED

The sheet has 2 V-shaped crimps, ¾ of an inch deep, one on each side. The full width of sheets is 27 inches; covering width 26 inches.

3 CRIMPED

The sheet has 3 V-shaped crimps, ¾ of an inch deep, one on each side and one in the center. The full width of a sheet is 26 inches; covering width 25½ inches.

4 CRIMPED

The sheet has 4 V-shaped crimps, ¾ of an inch deep, formed at equal distance from each other. The full width of a sheet is 26 inches; covering width 25½ inches.

We can furnish the sheets either 5, 6, 7, 8, 9, 10, 11 or 12 feet long. Odd length sheets command an extra price.

When no length nor gauge is specified, we fill the order with the sheets 8 feet long and No. 28 gauge.

V Wood Strips are used in the side crimps of the 2, 3 or 4 crimped. It takes 50 lineal feet per square; price 10 cents net. If used in side crimps, also the center crimp of the 3 crimped, it will take 100 lineal feet per square, price 20 cents net, and for the 4 crimped it will require 150 lineal feet to the square, price 30 cents net.

For the end locks turned on the ends of each sheet, add 10 cents a square.

For the Best Bloom Galvanized Steel painted, add 15 cents a square to net price.

We allow for side laps, charging only for covering width and full length of sheets.

A square consists of such number of sheets in length as would, when multiplied by the actual covering width, make 100 square feet.

2 Crimped Steel

No. 9

No. 10

BLACK STEEL PAINTED

Furnished in No. 28, No. 26, No. 24, No. 22 and No. 20 Gauges.

BEST BLOOM GALVANIZED STEEL

Furnished in No. 28, No. 26, No. 24, No. 22 and No. 20 Gauges.

Folder for making end locks, 50 cents net.

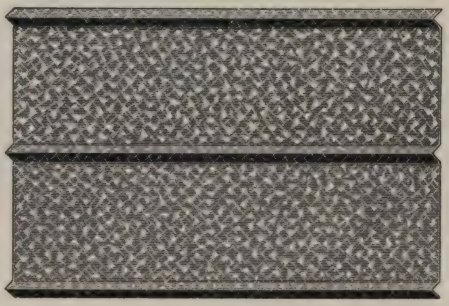
(See page 73 for list of weights.)

Write for Special Net Prices.

3 Crimped Steel

No. 11

No. 12



BLACK STEEL PAINTED

Furnished in No. 28, No. 26, No. 24, No. 22 and No. 20 Gauges.

BEST BLOOM GALVANIZED STEEL

Furnished in No. 28, No. 26, No. 24, No. 22 and No. 20 Gauges.

4 Crimped Steel

No. 13

No. 14

BLACK STEEL PAINTED

Furnished in No. 28, No. 26, No. 24, No. 22 and No. 20 Gauges.

BEST BLOOM GALVANIZED STEEL

Furnished in No. 28, No. 26, No. 24, No. 22 and No. 20 Gauges.

Folder for making end locks, 50 cents net.

(See page 73 for list of weights.)

Write for Special Net Prices.

INSTRUCTIONS FOR APPLYING KANNEBERG V-CRIMPED STEEL

Can be applied to sheathing boards, lath, or over old shingles on any pitch not less than 2 inches fall to the foot. To make a good roof it is necessary to have V wood strips, which we furnish at cost, and always ship same with the roofing unless otherwise ordered.

Commence to lay the sheets from the eaves, allowing outer crimp to extend over the side and from 2 to 3 inches of sheet over the eaves. Hammer down the crimp and secure same to the side by a nail every 4 inches.

Then take the wood strips, place them under the remaining crimp and conveniently arrange them along the roof for the other sheets.

Then take the next sheet, lap it 3 or 4 inches over the first sheet and proceed to lay the roofing to the ridge. If desired the ends of the sheets can be joined together with a cross-lock; take a pair of shears, cut in 5/8 of an inch and turn up a flange with end lock folder on each sheet, hook together and mallet down flat.

Commence second course at eaves in same manner; lap the crimp over the crimp and wood strips of first course; use a 1¾-inch nail and drive through the top of the crimps and wooden V strips into the sheathing boards and proceed as explained.

If the roof is a ridge roof, finish same with ridging. Page 40.

When roofing is completed it should be given a good coat of paint.

When used for siding no wood strips are necessary; the crimps at side lap over each other and are secured in place, as described for corrugated steel. Page 34.

Three and four crimp steel are applied in same manner.

KANNEBERG CORRUGATED PAINTED OR GALVANIZED STEEL

Used for Roofing, Siding, Ceiling, Etc.

We make five sizes of pressed corrugations, as follows:

5/8 INCH—The corrugations are 5/8 inch from center to center and 3/16 of an inch deep. The full width of a sheet is 25 inches; covering width 24 inches.

1¼ INCH—The corrugations are 1¼ inches from center to center and 3/8 of an inch deep. Full width of a sheet is 25 inches; covering width 24 inches.

2 INCH—The corrugations are 2 inches from center to center and ½ of an inch deep. The full width of a sheet is 26 inches; covering width 24 inches.

2½ INCH—The corrugations are 2½ inches from center to center and 5/8 of an inch deep. The full width of a sheet is 26 inches; covering width 24 inches.

3 INCH—The corrugations are 3 inches from center to center and ¾ of an inch deep. The full width of a sheet is 26 inches; covering width 24 inches.

We can furnish the sheets either 5, 6, 7, 8, 9 or 10 feet long. Odd length sheets command an extra price.

We can supply 1¼ inch and 2½ inch Corrugated in 11 and 12 foot sheets also.

When no length nor gauge is specified, we will fill the order with sheets 8 feet long and of No. 28 gauge.

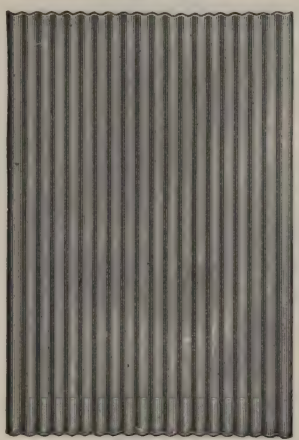
For the material corrugated crosswise of sheets, add 15 cents a square to net price.

For the Best Bloom Galvanized Steel painted, add 15 cents a square to net price.

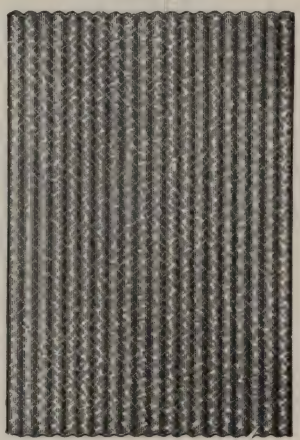
The actual width and length of sheets charged. No allowance being made for side or end laps.

A square consists of such a number of sheets in length that would, when multiplied by the actual width, equal 100 square feet.

1¼ INCH
No. 15



1¼ INCH
No. 16

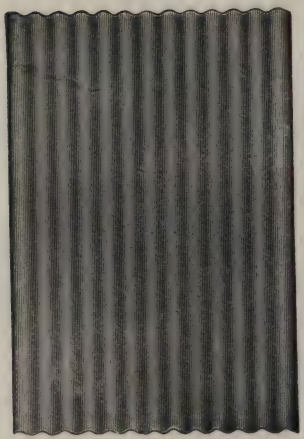


BLACK STEEL PAINTED
Furnished in No. 28, No. 26, No. 24 and No. 22 Gauges.

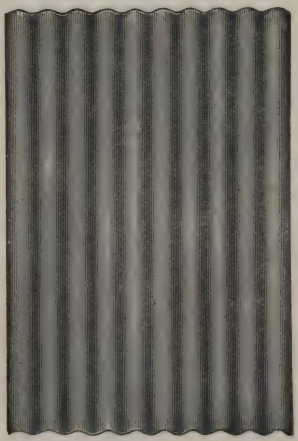
BEST BLOOM GALVANIZED STEEL
Furnished in No. 28, No. 26, No. 24 and No. 22 Gauges.

Write for Special Net Prices.

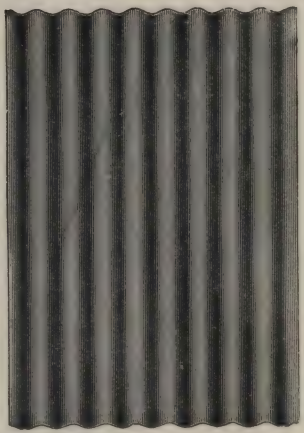
2 Inch
No. 17



2½ Inch
No. 18



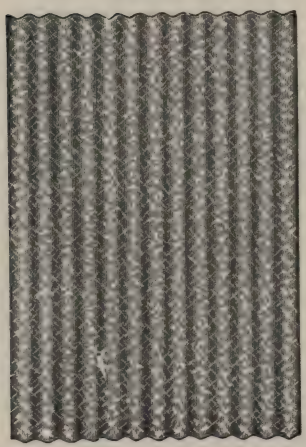
3 Inch
No. 19



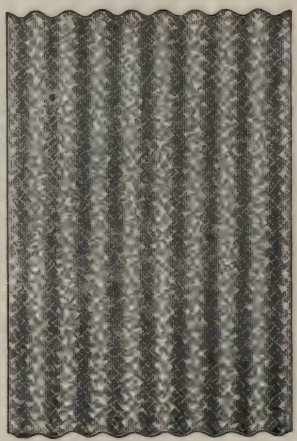
Black Steel Painted

Furnished in No. 28, No. 26, No. 24, No. 22, No. 20 and No. 18 Gauges.

2 Inch
No. 20



2½ Inch
No. 21



Best Bloom Galvanized Steel

Furnished in No. 28, No. 26, No. 24, No. 22, No. 20 and No. 18 Gauges.

Write for Special Net Prices.

INSTRUCTIONS FOR APPLYING KANNEBERG CORRUGATED STEEL ROOFING AND SIDING

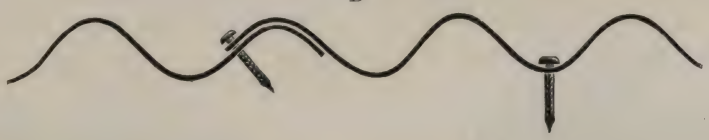
Siding

Can be applied to sheathing boards, lath or to supports. If supports are to be used, then the gauge of the steel must determine the distance between them. See page 36.

If sheathing boards or lath are used, commence to lay the sheets at the lower right hand corner looking down from the eaves. Secure the first sheet in place, lap the next sheet one corrugation at side and fasten same in position by nailing through the side laps every 12 inches on top the corrugations as shown in A. Complete the first course in this manner, nailing the lower end of each sheet between the corrugations and to the building.

Then commence the second course by lapping the sheets 1 to 2 inches over the first course, nail side laps as already explained, and end laps between every other corrugation as shown in B.

B



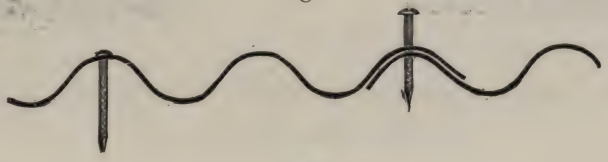
Roofing

Commence to lay the sheets from the eaves, covering the lower right-hand corner with the sheet projected one corrugation over the side and 2 inches over the eaves. Hammer down the projecting corrugation at side against the edge of sheathing; nail it in place about every 4 inches.

Continue laying the sheets, lapping them 4 to 6 inches until they reach the ridge.

Commence second course at eaves in same manner, lapping the corrugations at side, nail through the top of every other corrugation at end laps and about every 12 inches at side laps as shown in C.

C



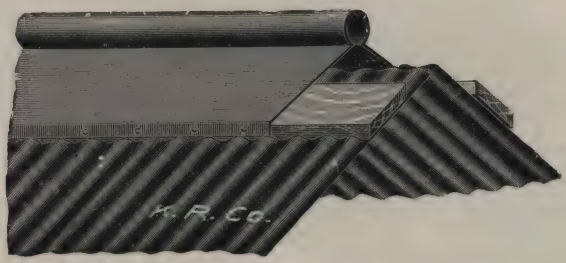
INSTRUCTIONS FOR APPLYING KANNEBERG CORRUGATED ROOFING—(Continued)

We advise sheets corrugated so as to give a corrugation and a half on side lap as shown in D. This will make the side laps absolutely water-proof.

D

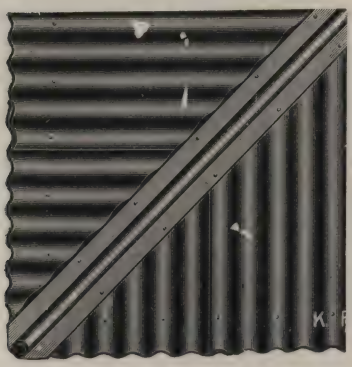
If the roof is a ridge roof, finish same with corrugated wooden ridge joint. Page 37, and ridging, page 40.

E

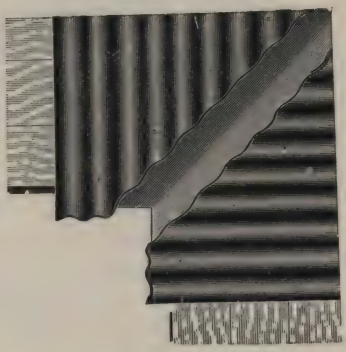


E—Shows ridge roll placed over and nailed to wooden ridge joint, thus completing the ridge.

F



G



F—For roof with a hip, cut the corrugated steel up the hip and nail the ridge roll over it.

G—For a roof with a valley, form a sheet of plain painted steel 18 to 24 inches wide to fit the valley; cut the corrugated steel up the valley, allowing 5 to 6 inches lap over the plain steel; nail through the top of every other corrugation.

INSTRUCTIONS FOR APPLYING KANNEBERG CORRUGATED ROOFING—(Concluded)

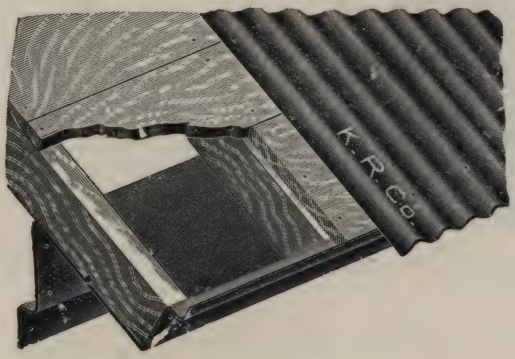
Flashing

Flashing around a chimney is accomplished in the same manner as explained on page 23. The piece fitted to the lower end of chimney extends over the corrugated steel about 8 inches, and the corrugated steel at sides and top extends over the plain steel to within 6 inches of chimney. It is necessary to use cement, especially at the lower part of flashing.

For flashing against side or end walls use corrugated side wall flashing. Page 37. Secure to the wall and nail through the top of the corrugations every 12 inches.

For an end wall flashing take a piece of plain painted steel 12 inches wide, bend it lengthwise and through the center so that the two flanges will be equal and at right angles to each other, secure to the wall, hammer the part extending over the roof down and between the corrugations, and secure by nailing on top the corrugations.

H



H—Shows a steel moulding nailed to rafters and sides of building; can be made to fit under the eaves of any roof, provided we know the exact pitch, thickness and width of eaves.

Made of black painted or galvanized steel in 10 foot lengths.

Prices quoted on application.

Roofing on Wood or Iron Trusses

Begin to lay the sheets at the eaves in same manner as when applying to sheathing boards. Lap the sheets 6 inches at ends and nail through the top of every other corrugation across the sheets, lap sheets 1½ corrugation on side, riveting them together every 12 inches.

If on iron supports, take a piece of band iron ¾ of an inch wide, pass around support and securely rivet at both ends to corrugated iron, then press the band toward the web of purlins or beams, which tighten and provide for expansion and contraction.

Distance between supports:

No. 18 Gauge can be used on supports 6 to 7 feet apart.
No. 20 Gauge can be used on supports 6 to 7 feet apart.
No. 22 Gauge can be used on supports 4 to 5 feet apart.
No. 24 Gauge can be used on supports 2 to 4 feet apart.
No. 26 Gauge can be used on supports 2 feet apart.
No. 28 Gauge can be used on supports 1 to 2 feet apart.

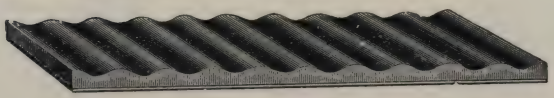
No. 28 gauge makes a better roof if applied to sheathing boards or laths.

If the siding is to be applied perpendicularly to the studding, they must be placed 2 feet apart from center to center, with a piece of studding nailed between them to nail ends of sheets to.

MISCELLANEOUS

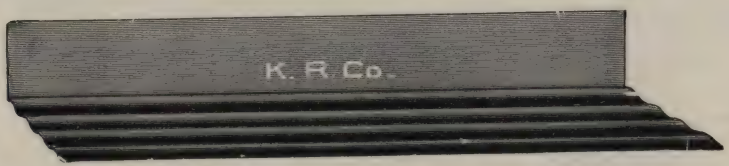
Corrugated Wooden Ridge Joint

No. 30



Corrugated Wooden Ridge Joint, in four foot lengths..... 6 cents per foot

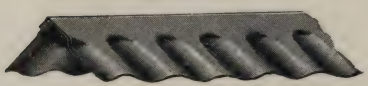
No. 31



	Black Steel Painted	Best Bloom Galvanized Steel
Corrugated Side Wall Flashing, in 8 foot lengths.....	18 cents per foot	25 cents per foot

Corrugated V Capping

No. 292

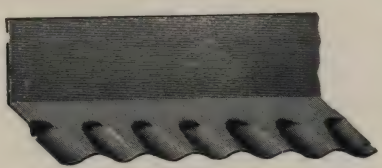


Corrugated Ridge Roll

No. 293

Corrugated End Wall Flashing

No. 294



Price List

	Painted	Galvanized
No. 293 Corrugated Ridge Roll, per lineal foot.....	20 cents	28 cents
No. 292 Corrugated V Capping, per lineal foot.....	16 cents	22 cents
No. 294 Corrugated End Wall Flashing, per lineal foot.....	18 cents	25 cents

Write for Discounts.

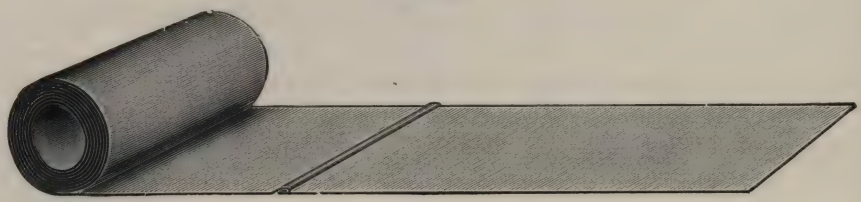
KANNEBERG CONTINUOUS ROOFING TIN

We carry in stock two grades of both IC and IX Terne Tin Roofing. Plates put up in rolls ready for use.

The sheets are 14, 20 and 28 inches wide by 96 inches long, are well tinned, perfectly squared and joined together with soldered cross-locks. Put up in rolls containing 100 square feet.

The rolls are well protected by wooden end pieces, and are always received in good condition by the customers. Each roll ready for roof when received; can be laid in half the time it requires for the 20x28 inch roofing tin.

No. 167



FURNISHED IN

IC Terne Tin 28 inches wide, 43 lineal feet for a square, 100 square feet.

IC Terne Tin 20 inches wide, 60 lineal feet for a square, 100 square feet.

IC Terne Tin 14 inches wide, 86 lineal feet for a square, 100 square feet.

IX Terne Tin 28 inches wide.

IX Terne Tin 20 inches wide.

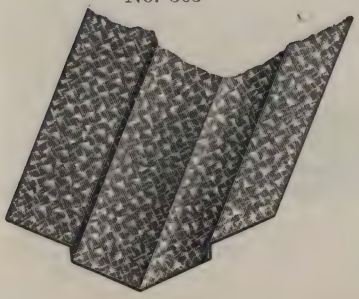
IX Terne Tin 14 inches wide.

If desired painted on both sides, there will be a small additional charge.

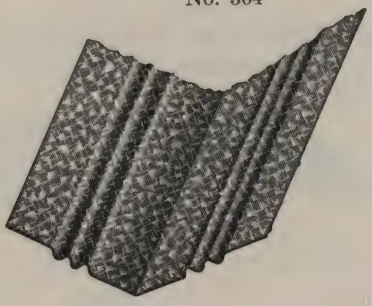
Write for Net Prices.

FORMED VALLEYS

No. 303



No. 304



Price List

UNPAINTED. MADE IN 8 FOOT LENGTHS.

	Galvanized Steel per lineal foot
10 inch	12½ cents
14 inch	17½ cents
20 inch	25 cents
24 inch	30 cents
28 inch	35 cents
30 inch	37½ cents

GUTTERS AND VALLEYS IN ROLLS

Are shipped in rolls any length desired with double cross-locks soldered, painted or unpainted, but consider paint a necessity for all metal exposed to the weather.

Prices on Copper Gutter and Valleys quoted on application.

Price List

PAINTED

	IC Terne Tin per lineal foot	IX Terne Tin per lineal foot	Galvanized Steel per lineal foot
10 inches wide	11 cents	12½ cents	13½ cents
14 inches wide	15 cents	17 cents	18½ cents
18 inches wide	19 cents	21 cents	23½ cents
20 inches wide	21 cents	23½ cents	26 cents
24 inches wide	25 cents	28 cents	31 cents
30 inches wide	31 cents	35 cents	38½ cents

UNPAINTED

	IC Terne Tin per lineal foot	IX Terne Tin per lineal foot	Galvanized Steel per lineal foot
10 inches wide	10 cents	11½ cents	12½ cents
14 inches wide	14 cents	16 cents	17½ cents
18 inches wide	18 cents	20 cents	22½ cents
20 inches wide	20 cents	22½ cents	25 cents
24 inches wide	24 cents	27 cents	30 cents
30 inches wide	30 cents	34 cents	37½ cents

Write for Discounts.

RIDGING

Ridge Capping

Made of No. 28 gauge Bessemer Steel painted and Best Bloom Galvanized Steel in 10 foot lengths.

No. 94

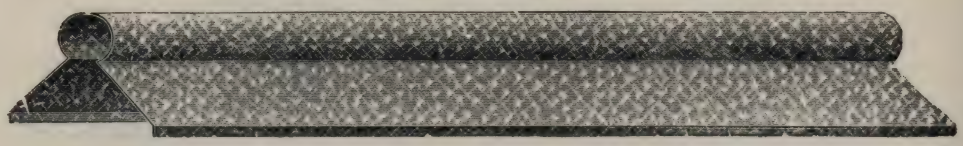
Price List

Apron	Girth	Black Steel Painted	Galvanized Steel
3 inch	6 inch	11 cents per foot	13 cents per foot
3½ inch	7 inch	12 cents per foot	14 cents per foot
4 inch	8 inch	14 cents per foot	16 cents per foot

Ridge Roll

Made of No. 28 gauge Bessemer Steel painted and Best Bloom Galvanized Steel in 10 foot lengths.

No. 95



Price List

Size	Apron	Girth	Black Steel Painted	Galvanized Steel
1½ inch	2 inch	8 inch	14 cents per foot	16 cents per foot
2 inch	2½ inch	10 inch	17 cents per foot	19 cents per foot
2½ inch	3 inch	12 inch	21 cents per foot	23 cents per foot
3 inch	3½ inch	14 inch	26 cents per foot	28 cents per foot

Diamond Ridge Roll

No. 96

Price List

Size	Apron	Girth	Black Steel Painted	Galvanized Steel
1½ inch	2 inch	8 inch	14 cents per foot	16 cents per foot
2 inch	2½ inch	10 inch	17 cents per foot	19 cents per foot
2½ inch	3 inch	12 inch	21 cents per foot	23 cents per foot
3 inch	3½ inch	14 inch	26 cents per foot	28 cents per foot

Write for Discounts.

The Kanneberg Roofing and Ceiling Co.

KANNEBERG PATENT SLIP JOINT EAVE TROUGH

Our Eave Trough is without question the best on the market and so acknowledged by the trade everywhere. Every joint is a perfect fit—slips together easily—and makes an absolutely water-tight connection.

Made of Best Bloom Galvanized Steel in 10 foot lengths—without cross-seams. No soldering required.

Unless otherwise instructed one-half right and one-half left will be shipped.

No. 61

Price List

SINGLE BEAD—SLIP JOINT

Galvanized Sheet Gauge	SIZE									
	3 in.	3½ in.	4 in.	4½ in.	5 in.	6 in.	7 in.	8 in.	9 in.	10 in.
30	.13½	.14½	.16½	.18½	.19½	.24	.28	.32	.37	.41
29	.14	.15	.17	.19	.20	.25	.29	.33	.38	.42
28	.16	.17	.19	.21	.22	.27	.32	.36	.40	.44
27	.18	.19	.21	.23	.23	.30	.34	.39	.44	.48
26	.20	.21	.23	.25	.26	.32	.37	.42	.47	.52
24	.....	.....	.29	.31	.32	.39	.46	.52	.58	.64

We can make a ½, ⅝ or ¾ inch bead. In ordering please state size wanted.

Packed in cases containing 250 feet.

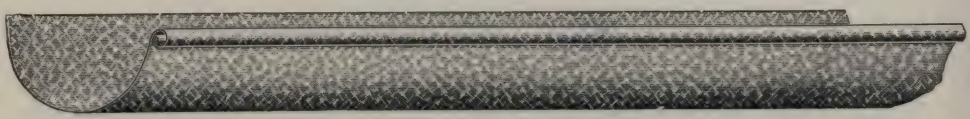
Prices on Copper Trough quoted on application.

Write for Discounts.

LAP JOINT EAVE TROUGH

Made in 10-foot lengths, without cross-seams, of Best Bloom Galvanized Steel.

No. 62



Price List

SINGLE BEAD—LAP JOINT

Galvanized Sheet Gauge	SIZE									
	3 in.	3½ in.	4 in.	4½ in.	5 in.	6 in.	7 in.	8 in.	9 in.	10 in.
30	.12½	.13½	.15½	.17½	.18½	.22	.26	.30	.35	.39
29	.13	.14	.16	.18	.19	.23	.27	.31	.36	.40
28	.15	.16	.18	.20	.21	.25	.30	.34	.38	.42
27	.17	.18	.20	.22	.23	.28	.32	.37	.42	.46
26	.19	.20	.22	.24	.25	.30	.35	.40	.45	.50
24	.....	.....	.28	.30	.31	.37	.44	.50	.56	.62

Packed in cases containing 250 feet.

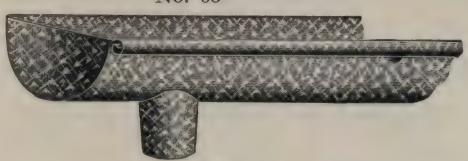
Prices on Copper Trough quoted on application.

END PIECES

Made in 12-inch lengths.

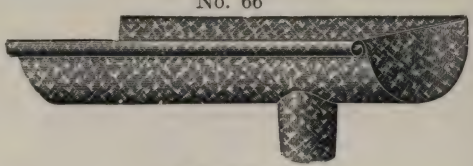
When ordering slip joint end pieces state whether right or left hand is wanted, otherwise one-half right and one-half left will be shipped.

No. 65



LEFT HAND

No. 66



RIGHT HAND

Price List

	Size	No. 28 Gauge Galvanized Steel	IX Terne Tin	IC Terne Tin
SLIP JOINT WITHOUT DROPS	3½ inch	$2.80 per dozen	$2.50 per dozen	$2.25 per dozen
	4 inch	3.10 per dozen	2.75 per dozen	2.50 per dozen
	4½ inch	3.45 per dozen	3.25 per dozen	3.00 per dozen
	5 inch	3.45 per dozen	3.25 per dozen	3.00 per dozen
	6 inch	4.15 per dozen	3.50 per dozen	3.25 per dozen
	7 inch	4.70 per dozen	4.25 per dozen	4.50 per dozen
	8 inch	5.25 per dozen		
LAP JOINT WITH DROPS	3½ inch	2.80 per dozen	2.00 per dozen	1.75 per dozen
	4 inch	3.10 per dozen	2.25 per dozen	2.00 per dozen
	4½ inch	3.45 per dozen	2.75 per dozen	2.50 per dozen
	5 inch	3.45 per dozen	2.75 per dozen	2.50 per dozen
	6 inch	4.15 per dozen	3.00 per dozen	2.75 per dozen
	7 inch	4.70 per dozen	3.75 per dozen	3.50 per dozen
	8 inch	5.25 per dozen		

For double bead Miters, add 50 cents per dozen to above list prices.

Write for Discounts.

KANNEBERG PATENT DOUBLE BEAD EAVE TROUGH

Slip or Lap Joint

Made in 10-foot lengths, without cross-seams, of Best Galvanized Steel.

When ordering please state whether slip or lap joint is wanted, otherwise all slip joint will be shipped.

No. 170

Price List

DOUBLE BEAD LAP JOINT

Galvanized Sheet Gauge	SIZE									
	3 in.	3½ in.	4 in.	4½ in.	5 in.	6 in.	7 in.	8 in.	9 in.	10 in.
30	.15½	.16½	.18½	.20½	.21½	.25	.29	.33	.38	.42
29	.16	.17	.19	.21	.22	.26	.30	.34	.39	.43
28	.18	.19	.21	.23	.24	.28	.33	.37	.41	.45
27	.20	.21	.23	.25	.26	.31	.35	.40	.45	.49
26	.22	.23	.25	.27	.28	.33	.38	.43	.48	.53
24	.....	.....	.31	.33	.34	.40	.47	.53	.59	.65

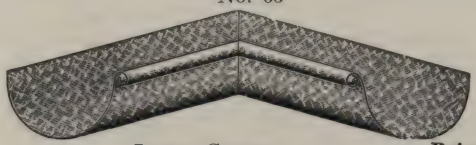
DOUBLE BEAD SLIP JOINT

Galvanized Sheet Gauge	SIZE									
	3 in.	3½ in.	4 in.	4½ in.	5 in.	6 in.	7 in.	8 in.	9 in.	10 in.
30	.16½	.17½	.19½	.21½	.22½	.27	.31	.35	.40	.44
29	.17	.18	.20	.22	.23	.28	.32	.36	.41	.45
28	.19	.20	.22	.24	.25	.30	.35	.39	.43	.47
27	.21	.22	.24	.26	.27	.33	.37	.42	.47	.51
26	.23	.24	.26	.28	.29	.35	.40	.45	.50	.55
24	.....	.....	.32	.34	.35	.42	.49	.55	.61	.67

MITERS

When ordering slip joint miters, please state whether right or left hand is wanted, also whether inner or outer corner, otherwise one-half right and one-half left hand and one-half inner and one-half outer corner miters will be shipped.

No. 63



INNER CORNER

No. 64

OUTER CORNER

Price List

SLIP JOINT

Size	No. 28 Gauge Galvanized Steel
3½ inch	$3.00 per dozen
4 inch	3.25 per dozen
4½ inch	3.40 per dozen
5 inch	3.50 per dozen
6 inch	4.00 per dozen
7 inch	4.75 per dozen
8 inch	5.50 per dozen

LAP JOINT

Size	No. 28 Gauge Galvanized Steel
3½ inch	$2.50 per dozen
4 inch	2.75 per dozen
4½ inch	2.90 per dozen
5 inch	3.00 per dozen
6 inch	3.50 per dozen
7 inch	4.25 per dozen
8 inch	5.00 per dozen

For double bead miters, add 50 cents per dozen to above list prices.

Write for Discounts.

DISCOUNTS ON GALVANIZED SLIP JOINT GUTTER

Net Prices per 100 Feet on Each Size at Various Discounts

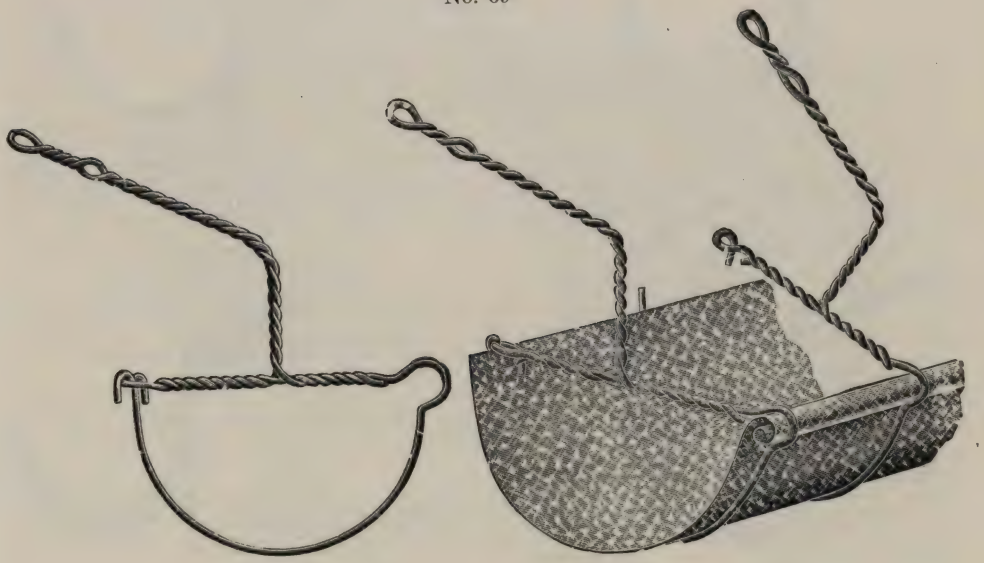
SIZE	3 in. per 100 ft.	3½ in. per 100 ft.	4 in. per 100 ft.	4½ in. per 100 ft.	5 in. per 100 ft.	6 in. per 100 ft.	7 in. per 100 ft.	8 in. per 100 ft.	10 in. per 100 ft.
LIST	$14.00	$15.00	$17.00	$19.00	$20.00	$24.00	$28.00	$31.00	$38.00
80-25-5 %	$1.99	$2.14	$2.42	$2.71	$2.85	$3.42	$3.99	$4.42	$5.41
85-5	1.99	2.14	2.42	2.71	2.85	3.42	3.99	4.42	5.41
80-10-10-10	2.04	2.19	2.47	2.77	2.92	3.50	4.09	4.52	5.54
80-20-5-2½	2.08	2.22	2.52	2.82	2.96	3.56	4.15	4.59	5.64
80-25	2.10	2.25	2.55	2.85	3.00	3.60	4.20	4.65	5.70
85	2.10	2.25	2.55	2.85	3.00	3.60	4.20	4.65	5.70
80-20-5	2.13	2.28	2.58	2.89	3.04	3.65	4.26	4.71	5.78
80-10-10-5	2.16	2.31	2.61	2.93	3.08	3.70	4.31	4.77	5.85
80-10-10-2½	2.21	2.37	2.68	3.00	3.16	3.79	4.43	4.89	6.01
80-20	2.24	2.40	2.72	3.04	3.20	3.84	4.48	4.96	6.08
80-10-10	2.27	2.43	2.75	3.08	3.24	3.89	4.54	5.02	6.16
80-10-5-2½	2.33	2.50	2.84	3.17	3.33	4.00	4.67	5.17	6.34
80-10-5	2.39	2.56	2.91	3.25	3.42	4.10	4.79	5.30	6.50
80-10-2½	2.46	2.63	2.98	3.33	3.51	4.21	4.91	5.44	6.67
80-10	2.52	2.70	3.06	3.42	3.60	4.32	5.04	5.58	6.84
80-5-2½	2.59	2.78	3.15	3.52	3.70	4.45	5.19	5.74	7.04
80-5	2.66	2.85	3.23	3.61	3.80	4.56	5.32	5.89	7.22
80-2½	2.73	2.92	3.31	3.70	3.90	4.68	5.46	6.04	7.41
80	2.80	3.00	3.40	3.80	4.00	4.80	5.60	6.20	7.60
75-10-10	2.83	3.03	3.44	3.84	4.05	4.86	5.67	6.27	7.69
75-10-5-2½	2.92	3.12	3.54	3.96	4.16	5.00	5.83	6.45	7.92
75-15	2.98	3.19	3.61	4.04	4.25	5.10	5.95	6.59	8.08
75-10-5	2.99	3.20	3.63	4.06	4.27	5.13	5.98	6.62	8.12
75-12½	3.06	3.28	3.72	4.16	4.37	5.25	6.12	6.78	8.31
75-10-2½	3.07	3.29	3.72	4.16	4.39	5.26	6.14	6.80	8.34
75-10	3.15	3.37	3.82	4.27	4.50	5.40	6.30	6.97	8.55
75-7½	3.24	3.47	3.93	4.39	4.62	5.55	6.47	7.17	8.79
75-5-2½	3.24	3.47	3.94	4.40	4.63	5.56	6.48	7.18	8.79
75-5	3.32	3.56	4.04	4.51	4.75	5.70	6.65	7.36	9.02
75-2½	3.41	3.66	4.14	4.63	4.87	5.85	6.82	7.56	9.26
75	3.50	3.75	4.25	4.75	5.00	6.00	7.00	7.75	9.50
70-15	3.57	3.83	4.34	4.85	5.10	6.12	7.14	7.91	9.69
60-25-15	3.57	3.83	4.34	4.85	5.10	6.12	7.14	7.91	9.69
70-12½	3.67	3.94	4.46	4.99	5.25	6.30	7.35	8.14	9.97
60-25-12½	3.67	3.94	4.46	4.99	5.25	6.30	7.35	8.14	9.97
70-10	3.78	4.05	4.59	5.13	5.40	6.48	7.56	8.37	10.26
60-25-10	3.78	4.05	4.59	5.13	5.40	6.48	7.56	8.37	10.26
70-7½	3.88	4.16	4.72	5.27	5.55	6.66	7.77	8.60	10.54
70-5	3.99	4.27	4.84	5.41	5.70	6.84	7.98	8.83	10.83
60-25-5	3.99	4.27	4.84	5.41	5.70	6.84	7.98	8.83	10.83
70-2½	4.09	4.39	4.97	5.56	5.85	7.02	8.19	9.07	11.11
60-25-2½	4.09	4.39	4.97	5.56	5.85	7.02	8.19	9.07	11.11
70	4.20	4.50	5.10	5.70	6.00	7.20	8.40	9.30	11.40
60-20-5	4.26	4.56	5.17	5.78	6.08	7.30	8.51	9.42	11.55
60-22½	4.34	4.65	5.27	5.89	6.20	7.44	8.68	9.61	11.78
60-20-2½	4.37	4.68	5.30	5.93	6.24	7.49	8.74	9.67	11.86
60-20	4.48	4.80	5.44	6.08	6.40	7.68	8.96	9.92	12.16
60-17½	4.62	4.95	5.61	6.27	6.60	7.92	9.24	10.23	12.54
60-15	4.76	5.10	5.78	6.46	6.80	8.16	9.52	10.54	12.92

WIRE HANGERS

Made of Galvanized Steel Wire in single or double bead. In ordering please state whether single or double bead is wanted.

All hangers sent with ½-inch bead, unless otherwise ordered.

No. 69



Price List

3 inch per gross	$2.75	5 inch per gross	$3.00
3½ inch per gross	2.75	6 inch per gross	3.50
4 inch per gross	2.75	7 inch per gross	4.00
4½ inch per gross	3.00	8 inch per gross	4.50

Price for double Bead Hangers, add 25 cents per gross to list price of single Bead.

Write for Discounts.

ADJUSTABLE HANGERS

Consisting of an iron shank, to which is adjusted an iron circle by means of a bolt and strap.

Shanks

Made to drive from 3 to 4 inches straight into the belt moulding of the eaves.

No. 70

Price List

Per 100 ..... $2.00

Is adapted to all kinds of buildings where the rafters are exposed. It nails to side of rafters.

Made to drive with the pitch of the roof into the belt moulding of the eaves.

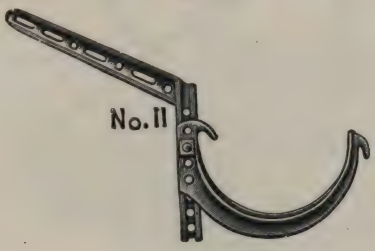
No. 71

Price List

Per 100 ..... $2.00

Made to fasten under slate or shingles. Can be bent to any pitch.

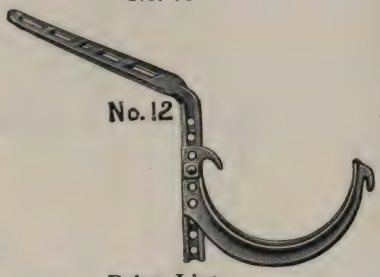
No. 72



Price List

Per 100 ..... $3.50

No. 73



Price List

Per 100 ..... $3.50

Circles

For single bead.

No. 74

Price List

3½–4 inch	$2.00 per 100
5 inch	3.00 per 100
6 inch	4.00 per 100
7 –8 inch	5.00 per 100
9 –10 inch	6.00 per 100

For double bead.

No. 75

Price List

3½–4 inch	$2.00 per 100
5 inch	3.00 per 100
6 inch	4.00 per 100
7 –8 inch	5.00 per 100
9 –10 inch	6.00 per 100

Write for Discounts.

KANNEBERG GUTTERS

Kanneberg Combination Roof Gutter

Made in two sections in 10-foot lengths without cross-seams and serves as a roof gutter and cornice combined.

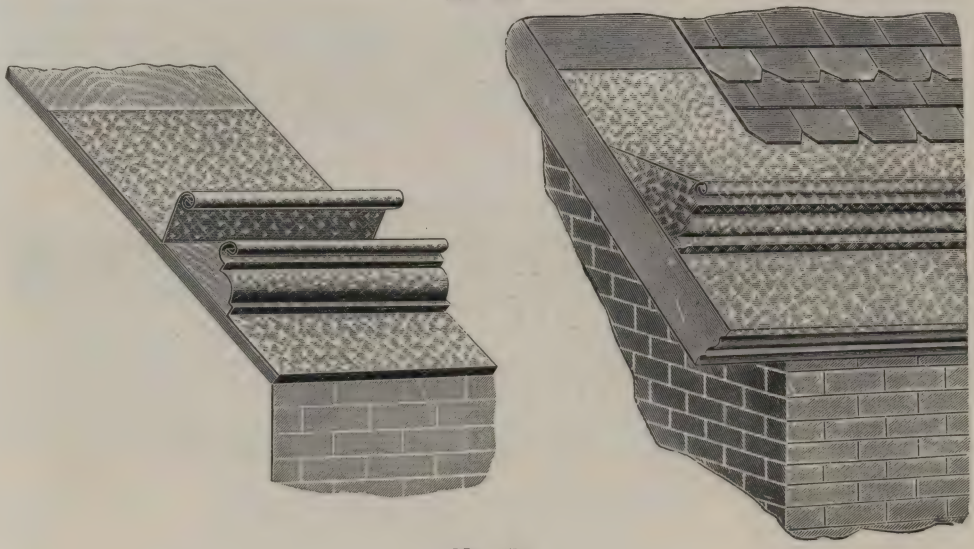
The style and sizes shown are always kept in stock, but can make any style of moulding desired, if furnished with pencil sketch.

The required fall is obtained by adjusting the gutter section, up or down on the roof as indicated by No. 172, then nailed to the sheathing boards at the extreme end of gutter, before the roofing is applied.

In ordering please give exact pitch of roof.

No hangers or braces required.

No. 171



No. 172

Price List

BEST BLOOM GALVANIZED STEEL NO. 28 GAUGE

Girth	Per foot	Girth	Per foot
18 inches	19 cents	28 inches	30 cents
24 inches	25 cents	30 inches	35 cents

For Galvanized Steel No. 27 Gauge, add 4 cents per foot; for No. 26 Gauge, add 6 cents per foot; for No. 24 Gauge, add 12 cents per foot; for No. 22 Gauge, add 16 cents per foot; for No. 20 Gauge, add 22 cents per foot, and for No. 18 Gauge, add 30 cents per foot to list price.

Prices on Copper Gutter quoted on application.

Write for Discounts.

ROOF GUTTERS

Made in 10-foot lengths without cross-seams, of Best Bloom Galvanized Steel.

We make a ½, ⅝, ¾, or 1 inch bead. In ordering please state size of bead, also exact pitch of roof.

Prices named below on Galvanized are for No. 28 Gauge. Prices on heavier gauges quoted on application.

Prices on inner or outer corner miters, also on copper and heavy gauge galvanized gutters, quoted on application.

The styles and sizes shown are always kept in stock. We can make any style or size desired.

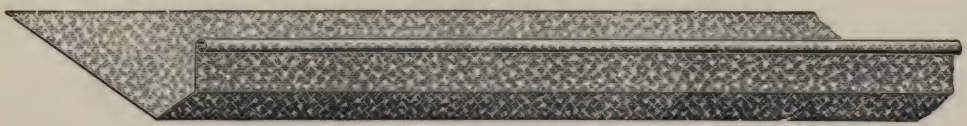
Hangers 5 cents a piece, net. For complete instructions how to apply gutters, see page 50.

Crating charged for at cost.

No. 76

Girth	Galvanized Steel Per foot
10 inch	23 cents
12 inch	30 cents
15 inch	37 cents
20 inch	50 cents
24 inch	60 cents

No. 77



Girth	Galvanized Steel Per foot
10 inch	23 cents
12 inch	30 cents
15 inch	37 cents
20 inch	50 cents
24 inch	60 cents

Write for Discounts.

Quarter Circle, Ogee and Box Gutters

Made in 10-foot lengths without cross-seams, of Best Bloom Galvanized Steel. We make a ½, ⅝, ¾ or 1 inch bead. In ordering please state size wanted.

Prices named below on galvanized are for No. 28 gauge. Prices on heavier gauges quoted on application.

Prices on inner or outer corner Miters, also on copper and heavy gauge galvanized gutters, quoted on application.

The styles and sizes shown are always kept in stock. We can make any style or size desired.

Hangers 5 cents apiece, net. For complete instructions how to apply gutters, see page 50.

No. 79

Size	Depth	Girth	Galvanized Steel Per foot
4 inch	4 inch	12 inch	30 cents
5 inch	5 inch	15 inch	38 cents
6 inch	5½ inch	18 inch	45 cents
7 inch	5¾ inch	20 inch	50 cents
8 inch	6 inch	22 inch	55 cents

No. 83

Size	Depth	Girth	Galvanized Steel Per foot
3½ inch	3 inch	10 inch	23 cents
4 inch	4 inch	12 inch	30 cents
6 inch	4½ inch	14 inch	37 cents
7 inch	5½ inch	18 inch	45 cents
8 inch	7 inch	22 inch	55 cents

No. 84

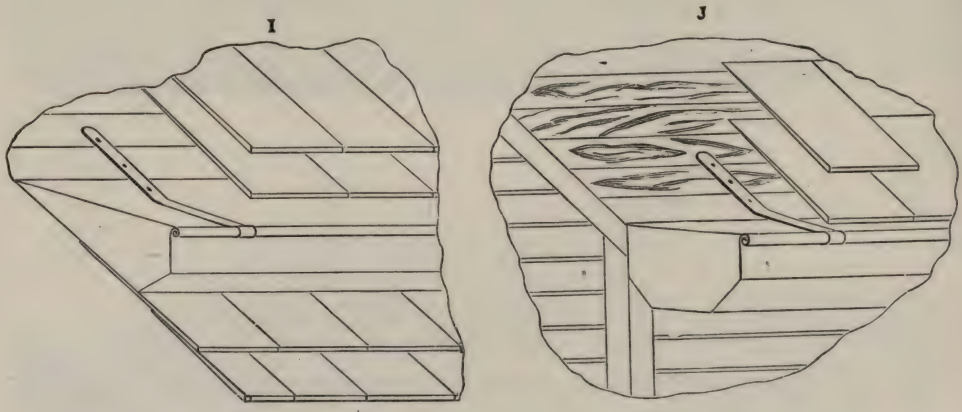
Size	Depth	Girth	Galvanized Steel Per foot
4 inch	4 inch	12 inch	30 cents
5 inch	5 inch	15 inch	38 cents
6 inch	5½ inch	18 inch	45 cents
7 inch	6½ inch	20 inch	50 cents
8 inch	7 inch	22 inch	55 cents

Quarter Circle, Ogee and Box Gutters—(Continued)

No. 87

Size	Depth	Girth	Galvanized Steel Per foot
4 inch	4 inch	12 inch	36 cents
5 inch	5 inch	15 inch	45 cents
6 inch	5¾ inch	18 inch	54 cents
7 inch	6½ inch	20 inch	60 cents
8 inch	8 inch	24 inch	72 cents

INSTRUCTIONS FOR APPLYING GUTTERS



I—Shows how to apply roof gutters.

J—Shows how to apply quarter circle, Ogee and box gutters. Nail the gutter to the eaves about every 12 inches, then proceed with hanger as shown.

KANNEBERG CONDUCTOR PIPE

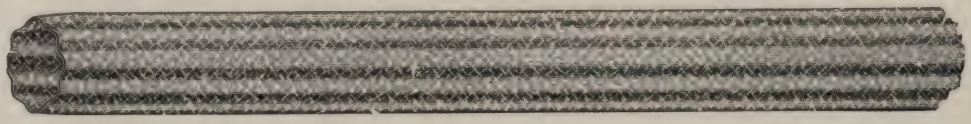
Corrugated Expanding Round Conductor Pipe

Made of Best Bloom Galvanized Steel in 10-foot lengths without cross-seams, on new and greatly improved machinery, producing the most perfect pipe made.

The seam extending the length of the pipe and joining it together perfectly, is so constructed as to be absolutely water-tight, and the corrugations, which are of uniform size and depth, add so materially to the strength and beauty of this style of pipe that it is almost universally used in preference to any other.

Prices on copper and heavy galvanized quoted on application.

No. 40.



Price List

ROUND CORRUGATED

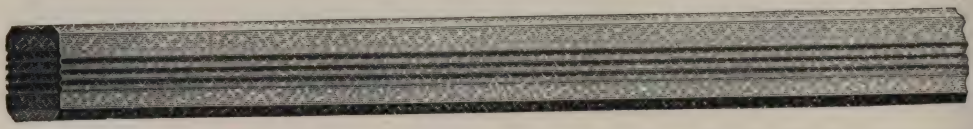
Galvanized Sheet Gauge	SIZE				
	2 in.	3 in.	4 in.	5 in.	6 in.
30	.12½	.14½	.19	.24	.29
29	.13	.15	.20	.25	.30
28	.15	.17	.23	.28	.33
27	.17	.19	.25	.31	.37
26	.19	.21	.28	.34	.40
24	.....	.27	.35	.44	.52

Write for Discounts.

Square Conductor Pipe Corrugated

Made of Best Bloom Galvanized Steel in 10-foot lengths.
Prices on Copper Pipe quoted on application.

No. 43



Price List

SQUARE CORRUGATED

Galvanized Sheet Gauge	SIZE			
	2 in.	3 in.	4 in.	5 in.
30	.14½	.16½	.21	.26
29	.15	.17	.22	.27
28	.17	.19	.25	.30
27	.19	.21	.27	.33
26	.21	.23	.30	.36
24	.....	.29	.37	.46

Prices on Copper quoted on application.

No. 44

Price List

PLAIN ROUND

Galvanized Sheet Gauge	SIZE							
	1½ in.	2 in.	2½ in.	3 in.	3½ in.	4 in.	5 in.	6 in.
30	.10½	.12½	.13½	.14½	.17	.19	.24	.29
29	.11	.13	.14	.15	.18	.20	.25	.30
28	.13	.15	.16	.17	.20	.23	.28	.33
27	.....	.17	.18	.19	.22	.25	.31	.37
26	.....	.19	.20	.21	.24	.28	.34	.40
24	.....	.....	.....	.27	.31	.35	.44	.52

Write for Discounts.

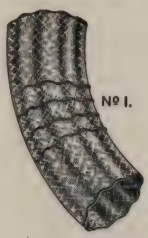
DISCOUNTS ON GALVANIZED CONDUCTOR PIPE

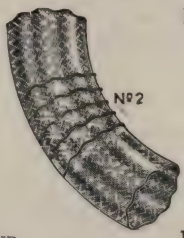
Using Plain Round and Round Corrugated Lists Showing Net Prices per 100 on Each Size at Various Discounts

SIZE	2 in. per 100 ft.	2½ in. per 100 ft.	3 in. per 100 ft	3½ in. per 100 ft.	4 in. per 100 ft.	5 in. per 100 ft.	6 in. per 100 ft.
LIST	$13.00	$15.00	$15.00	$20.00	$20.00	$25.00	$30.00
80–25–5%	$ 1.85	$ 2.14	$ 2.14	$ 2.85	$ 2.85	$ 3.56	$ 4.27
85–5	1.85	2.14	2.14	2.85	2.85	3.56	4.27
80–10–10–10	1.90	2.19	2.19	2.92	2.92	3.64	4.37
80–20–5–2½	1.93	2.22	2.22	2.96	2.96	3.70	4.45
80–25	1.95	2.25	2.25	3.00	3.00	3.75	4.50
85	1.95	2.25	2.25	3.00	3.00	3.75	4.50
80–20–5	1.98	2.28	2.28	3.04	3.04	3.80	4.56
80–10–10–5	2.00	2.31	2.31	3.08	3.08	3.85	4.62
80–10–10–2½	2.06	2.37	2.37	3.16	3.16	3.95	4.74
80–20	2.08	2.40	2.40	3.20	3.20	4.00	4.80
80–10–10	2.11	2.43	2.43	3.24	3.24	4.05	4.86
80–10–5–2½	2.16	2.50	2.50	3.33	3.33	4.16	5.00
80–10–5	2.22	2.56	2.56	3.42	3.42	4.27	5.13
80–10–2½	2.27	2.63	2.63	3.51	3.51	4.39	5.26
80–10	2.34	2.70	2.70	3.60	3.60	4.50	5.40
80–5–2½	2.41	2.78	2.78	3.70	3.70	4.63	5.56
80–5	2.47	2.85	2.85	3.80	3.80	4.75	5.70
80–2½	2.53	2.92	2.92	3.90	3.90	4.87	5.85
80	2.60	3.00	3.00	4.00	4.00	5.00	6.00
75–10–10	2.63	3.03	3.03	4.05	4.05	5.06	6.07
75–10–5–2½	2.70	3.12	3.12	4.16	4.16	5.21	6.25
75–15	2.76	3.19	3.19	4.25	4.25	5.31	6.38
75–10–5	2.77	3.20	3.20	4.27	4.27	5.34	6.41
75–12½	2.84	3.28	3.28	4.37	4.37	5.47	6.56
75–10–2½	2.85	3.29	3.29	4.39	4.39	5.48	6.58
75–10	2.92	3.37	3.37	4.50	4.50	5.62	6.75
75–7½	3.01	3.47	3.47	4.62	4.62	5.78	6.94
75–5–2½	3.01	3.47	3.47	4.63	4.63	5.79	6.94
75–5	3.09	3.56	3.56	4.75	4.75	5.94	7.12
75–2½	3.17	3.66	3.66	4.87	4.87	6.09	7.31
75	3.25	3.75	3.75	5.00	5.00	6.25	7.50
70–15	3.31	3.83	3.83	5.10	5.10	6.38	7.65
60–25–15	3.32	3.83	3.83	5.10	5.10	6.38	7.65
70–12½	3.41	3.94	3.94	5.25	5.25	6.56	7.87
60–25–12½	3.41	3.94	3.94	5.25	5.25	6.56	7.87
70–10	3.51	4.05	4.05	5.40	5.40	6.75	8.10
60–25–10	3.51	4.05	4.05	5.40	5.40	6.75	8.10
70–7½	3.61	4.16	4.16	5.55	5.55	6.94	8.32
70–5	3.70	4.27	4.27	5.70	5.70	7.12	8.55
60–25–5	3.70	4.27	4.27	5.70	5.70	7.12	8.55
70–2½	3.80	4.39	4.39	5.85	5.85	7.31	8.77
60–25–2½	3.80	4.39	4.39	5.85	5.85	7.31	8.77
70	3.90	4.50	4.50	6.00	6.00	7.50	9.00
60–20–5	3.95	4.56	4.56	6.08	6.08	7.60	9.12
60–22½	4.03	4.65	4.65	6.20	6.20	7.75	9.30
60–20–2½	4.06	4.68	4.68	6.24	6.24	7.80	9.36
60–20	4.16	4.80	4.80	6.40	6.40	8.00	9.60
60–17½	4.29	4.95	4.95	6.60	6.60	8.25	9.90
60–15	4.42	5.10	5.10	6.80	6.80	8.50	10.20
60–12½	4.55	5.25	5.25	7.00	7.00	8.75	10.50
60–10–2½	4.56	5.26	5.26	7.02	7.02	8.77	10.53
60–10	4.68	5.40	5.40	7.20	7.20	9.00	10.80

KANNEBERG ELBOWS AND SHOES—Galvanized Corrugated Round

No. 45





Price List

	ROUND Elbows	Shoes	SQUARE Elbows	Shoes
2 inch each	$ .25	$ .36	40 cents	$ .48
3 inch each	.30	.45	45 cents	.54
4 inch each	.60	.75	60 cents	.72
5 inch each	1.25	1.50	90 cents	1.08
6 inch each	1.50	1.80		

Flat Crimped Round—No. 46

Price List

	ELBOWS Galvanized	Tin	SHOES Galvanized	Tin
2 inch each	$ .25	$ .25	$ .36	$ .36
2½ inch each	.30	.30	.45	.45
3 inch each	.30	.30	.45	.45
3½ inch each	.60	.60	.75	.75
4 inch each	.60	.60	.75	.75
5 inch each	1.25	1.25	1.50	1.50
6 inch each	1.50	1.50	1.80	1.80

Adjustable—No. 47

Price List

	Galvanized	Tin		Galvanized	Tin
1½ inch per dozen	$1.60	$1.30	4 inch per dozen	$3.00	$2.25
2 inch per dozen	1.60	1.30	5 inch per dozen	3.60	3.50
2½ inch per dozen	2.00	1.80	6 inch per dozen	5.40	5.00
3 inch per dozen	2.40	1.80			

Prices on Copper Elbows and Shoes quoted on application. *Write for Discounts.*

KANNEBERG CONDUCTOR FASTENERS

Corrugated Hinged Conductor Fasteners

No. 48

No. 49

Price List

For Wood	Tinned	For Brick	Tinned
2 inch per 100	$3.00	2 inch per 100	$3.50
3 inch per 100	4.00	3 inch per 100	4.50
4 inch per 100	5.00	4 inch per 100	5.50
5 inch per 100	6.00	5 inch per 100	7.50
		6 inch per 100	8.50

Plain Round Hinged Conductor Fasteners

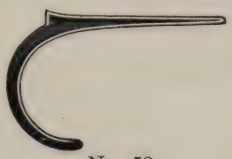
No. 50

No. 51

Price List

For Wood	Tinned	For Brick	Tinned
2 inch per 100	$3.00	2 inch per 100	$3.50
3 inch per 100	4.00	3 inch per 100	4.50
4 inch per 100	5.00	4 inch per 100	5.50
5 inch per 100	7.50	5 inch per 100	7.50
6 inch per 100	8.50	6 inch per 100	8.50

Conductor Hooks



No. 52

No. 53

Price List

For Wood	Tinned	For Brick	Tinned
2 inch per 100	$1.50	2 inch per 100	$1.75
2½ inch per 100	2.00	2½ inch per 100	2.00
3 inch per 100	2.50	3 inch per 100	2.75
3½ inch per 100	3.00	3½ inch per 100	3.50
4 inch per 100	3.50	4 inch per 100	4.25
5 inch per 100	5.00	5 inch per 100	6.00
6 inch per 100	6.00	6 inch per 100	7.50

Note—Always state whether hooks are wanted for wood or brick. Hooks for wood are sent unless otherwise specified.

Write for Discounts.

No. 54

Round Wire Conductor Fasteners

Price List

Size	Tinned For Wood	Tinned For Brick
2 inch per 100	$1.50	$2.50
3 inch per 100	2.00	3.00
4 inch per 100	2.50	3.50
5 inch per 100	3.50	4.00

Square Wired Conductor Fasteners

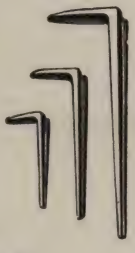
No. 55

Price List

Size	Tinned For Wood	Tinned For Brick
2 inch per 100	$2.00	$2.50
3 inch per 100	2.50	3.00
4 inch per 100	3.00	3.50
5 inch per 100	3.50	4.00

Flashing Hooks

No. 56



Price List

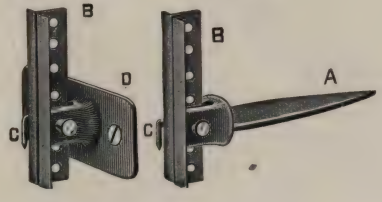
Size	Tinned
1½ inch per 100	$ .35
2½ inch per 100	.55
3½ inch per 100	1.00
5½ inch per 100	1.50
7½ inch per 100	2.50

The large sizes can be used for Square Conductor Pipe.

Hall's Conductor Fasteners

No. 57 For Wood

No. 58 For Brick



Part B is made of heavy gauge tin and is soldered to the conductor pipe.

Part D is made of Malleable Iron and is screwed to the building.

Part A is a malleable iron spike which drives between the bricks.

C is a Copper Nail by which the fastenings are adjusted.

Price List

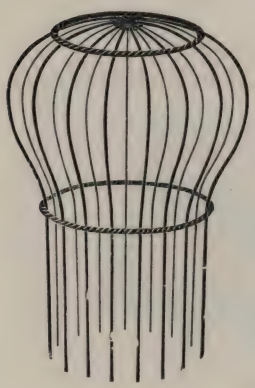
Per 100 ..... $8.00

Write for Discounts.

GALVANIZED CONDUCTOR STRAINERS

Invaluable for keeping leaves and other obstructions from getting into and stopping up the conductor pipe.

No. 59

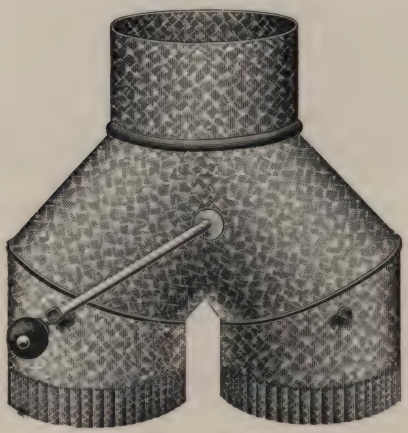


Price List

Size	Galvanized
2 inch per dozen	$1.50
3 inch per dozen	2.00
4 inch per dozen	3.00
5 inch per dozen	3.50
6 inch per dozen	4.00

KANNEBERG RAIN WATER CUT-OFF

No. 60



LATEST IMPROVED,

SELF-LOCKING,

RELIABLE.

The most durable, automatic Cut-Off made.

Simple in construction, consequently does not get out of order.

A trial will convince you of its superior advantages over all others.

Price List

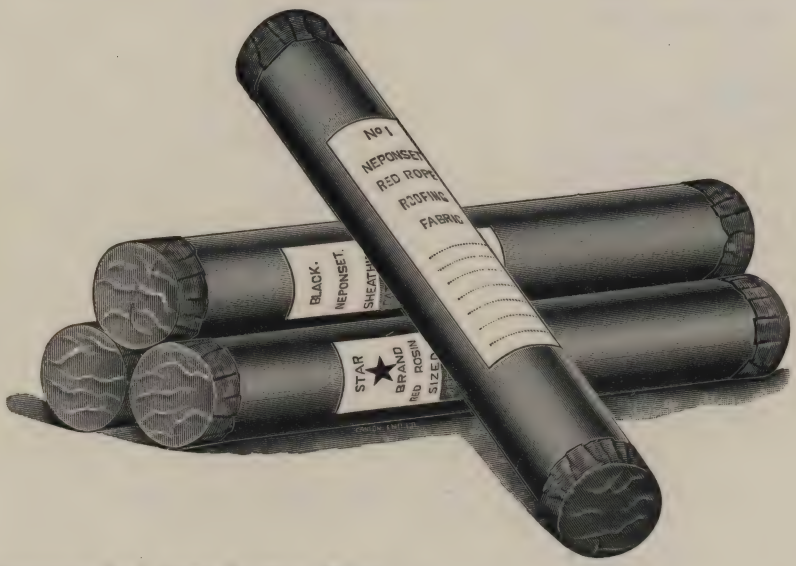
Size	Tin	Galv. Steel
2 inch per dozen	$3.00	$4.20
2½ inch per dozen	3.00	4.20
3 inch per dozen	3.60	4.80
4 inch per dozen	5.40	7.20
5 inch per dozen	9.00	12.00
6 inch per dozen	12.00	14.00

Write for Discounts.

The Kanneberg Roofing and Ceiling Co.

KANNEBERG BUILDING AND SHEATHING PAPER

No. 37



No. 1 Neponset Red Rope Roofing Fabric

Is the best paper known for roofing. It is water-proof and air-tight; has great strength and flexibility and makes a good roof for temporary or cheap buildings, such as poultry houses, etc. It is also used for siding and for lining between the sides of cold storage buildings and refrigerator cars. The prices include the necessary nails and tin caps, which are found inside of roll. Put up in rolls containing 500 square feet.

Sheathing Paper

Is used for lining between floors, side walls and under roofs. It deadens sound and is non-conductor of heat and cold.

It should always be used where sulphur fumes, steam, warm air, or any other corrosive will come in direct contact with the under side of roof. It prevents condensation and dampness and protects the roof against any chemical action.

Black Neponset Sheathing Paper

Is the best; it does not shrink and is absolutely water-proof and air-tight. Put up in rolls containing 500 square feet.

Red Rosin Sized Sheathing Paper

Is not water-proof, but makes a good cheap lining. Put up in rolls containing 500 square feet.

Price List

No. 1 Neponset Red Rope Roofing Fabric	$1.25 per square
Black Neponset Sheathing Paper	.44 per square
Red Rosin Sized Sheathing Paper	.20 per square

Write for Discounts.

The Kanneberg Roofing and Ceiling Co.

KANNEBERG ROOF PAINTS

No. 35

Oxide of Iron Mixed Paint

We prepare in two colors, red or brown, from the best oxides of iron mixed with pure boiled linseed oil, thoroughly ground together, with improved modern machinery.

The oxide of iron is not affected by any corrosive. It has a great affinity for metals and readily absorbs the oil with which it is mixed. This is of great importance, as the pigment thus saturated will be held in place so tenaciously that it cannot blow or wash off, hence affords complete protection to the surface.

Other pigments are used that no known chemical will affect, but they have no absorbing qualities; therefore the paint formed is not a compound but a mixture, and the pigment soon washes or blows off and leaves the surface unprotected, which readily succumbs to atmospheric influences.

We use the red oxide for painting all our sheets. It not only has a very attractive appearance and wears the longest, but is the best paint known for covering and protecting any exposed metal surface.

Put up in barrels, and five and one gallon tin buckets.

Graphite Mixed Paint

We prepare in the same manner as our oxide of iron. Its color is a very dark slate, approaching a steel black.

Write for Net Prices.

Oxide of Iron Paint

In the Dry Form

Many customers prefer the pigment in the dry form, which, when mixed with pure linseed oil, makes a good paint. From six to seven pounds to a gallon of oil is sufficient, except where a very thick coat is required.

It is also used for coloring mortar red in the construction of brick and stone buildings.

COLOR RED

Shipped in any quantity desired.

ROOFING CEMENT

Is used in making flashings, gutters, valleys or where any other irregularity of the roof may occur.

Adhering to any surface, it is useful in laying all kinds of roofing; its presence rendering the joints or laps absolutely water-tight.

Packed in 5, 10 and 15 pound cans.

STEEL WIRE BARBED NAILS

No. 36

$^{7}/_{8}$ inch, No. 12, for Kanneberg Patent Steel Roofing and Steel Shingles.
1 inch, No. 12, for Kanneberg Patent Steel Roofing, Brick and Rock Faced Steel.
1¾ inch, No. 12, for Kanneberg Patent Steel Roofing over shingles.
1¾ inch, No. 10, for Corrugated and Crimped Roofing.
1 inch, No. 10, for Corrugated and Beaded Siding.
2 inch, No. 10, for Corrugated and Crimped Roofing over shingles.
2 inch, No. 9, for 18 and 20 Gauge Corrugated and Crimped Roofing.

Write for Net Prices.

SOLDER

We always keep in stock the best quality of bar solder, made of half lead and half tin.

Write for Price per Pound.

Kanneberg Steel Siding

KANNEBERG STEEL WEATHER BOARDING

Is made from No. 28 and 26 Gauge Bessemer Steel painted and Galvanized Steel.
We allow for side laps, charging only for covering width and full lengths of sheets.
A square consists of 6¼ sheets 96 inches long by 24 inches wide.
When applied has the appearance of wooden weather boarding.

No. 23

BLACK STEEL PAINTED

Furnished in No. 28 and No. 26 Gauges.

BEST BLOOM GALVANIZED STEEL

Furnished in No. 28 and No. 26 Gauges.

Write for Net Price per Square.

Instructions for Applying

Can be applied to sheathing boards, lath, or direct to the studding. Lap the sheets 1 to 2 inches at ends and one crimp at sides.

When applied direct to the studding, they must be placed at such distances from each other as to give sufficient nailing surface to properly secure the sheet.

When applied to sheathing boards or lath, place the nails 16 to 18 inches apart along the sheet and immediately under every other crimp. Finish corners with metal corner board. Page 68.

The Kanneberg Roofing and Ceiling Co.

KANNEBERG STEEL PRESSED BRICK

Is made from No. 28 Gauge Bessemer Steel painted and Best Bloom Galvanized Steel.

We do not allow for side or end laps, but charge for full width and length of sheets.

A square consists of 8 1/7 sheets 60 inches long by 28 inches wide. Size of brick, 2 1/5 x 8 3/4 inches.

When applied has the appearance of pre ssed brick.

No. 24

Instructions for Applying

When applying always lay the sheets so that the surface showing the mortar lines pressed in, will be on the outside and the nailing flange at side of sheet on top.

Cover the lower left-hand corner with the sheet projected several feet, taking care to have the cross grooves come directly over the corner. Secure in place by nailing every 6 or 7 inches through the grooves of the nailing flanges at side and end into the sheathing boards; then bend the projecting part around the corner and secure into position.

Take the next sheet, lap it one groove at ends, nailing same as first sheet; continue in this manner until the first course is complete.

The second course is applied in the same manner; the lower groove of the second course laps over and into the upper groove of the first course.

Steel Rock Faced Brick and Stone are applied in the same manner; they, however, have a more finished appearance if the corners are finished with facing. Pages 68 and 69.

Write for Special Net Prices.

KANNEBERG BEADED SHEET STEEL AND GALVANIZED STEEL

Is used for siding and ceiling.

We make two styles of Beaded as follows:

OLD STYLE—The beads are three inches apart from center to center and $^1/_8$ of an inch deep; covering width 27 inches.

NEW STYLE—The beads are 8½ inches apart from center to center, and ½ of an inch deep; covering width 25½ inches.

We can furnish the sheets either 5, 6, 7, 8, 9 or 10 feet long. Odd length sheets command an extra price. When no length or gauge is specified, we will fill the order with sheets 8 feet long of No. 28 Gauge.

We only make the Old Style of No. 28 and 26 Gauges.

For the Galvanized Steel painted, add 15 cents a square to net price.

We allow for side laps, charging only for covering width and full length of sheets.

A square consists of such a number of sheets in length as would, when multiplied by the actual covering width, make 100 square feet.

OLD STYLE—No. 5

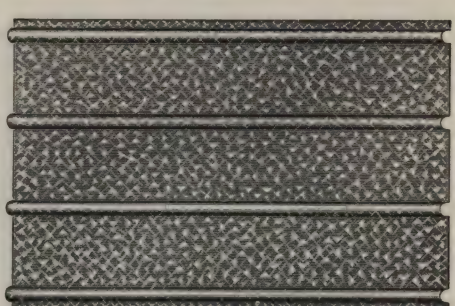
NEW STYLE—No. 6

BLACK STEEL PA NTED

Furnished in No. 28, No. 26, No. 24, No. 22 and No. 20 Gauges.

OLD STYLE—No. 7

NEW STYLE—No. 8



BEST BLOOM GALVANIZED STEEL

Furnished in No. 28, No. 26, No. 24, No. 22 and No. 20 Gauges.

Write for Special Net Prices.

INSTRUCTIONS FOR APPLYING BEADED SHEET AND GALVANIZED STEEL

The Old Style is extensively used for ceiling, can be applied to boarding, over old plaster, or direct to the joist.

Lap the sheets 1 to 2 inches at ends and one bead at side, nail the side laps every 6 inches and end laps close to the beads. After laying, paint the ceiling some light color to correspond with the surroundings. When used for siding, is applied same as corrugated steel, except no nails are driven into the beads, but close to them, for No. 5, close to and between the beads, for No. 6.

KANNEBERG STEEL ROCK FACED BRICK

Is made from No. 28 Gauge Bessemer Steel painted and Best Bloom Galvanized Steel.

We do not allow for side or end laps, but charge for full width and length of sheets.

A square consists of $8^4/_7$ sheets 60 inches long by 28 inches wide. Size of brick $2^4/_5$x8¾ inches.

When applied has the appearance of Rock Faced Brick. For complete instructions, see page 62.

No. 25

KANNEBERG STEEL ROCK FACED STONE

Design No. 1

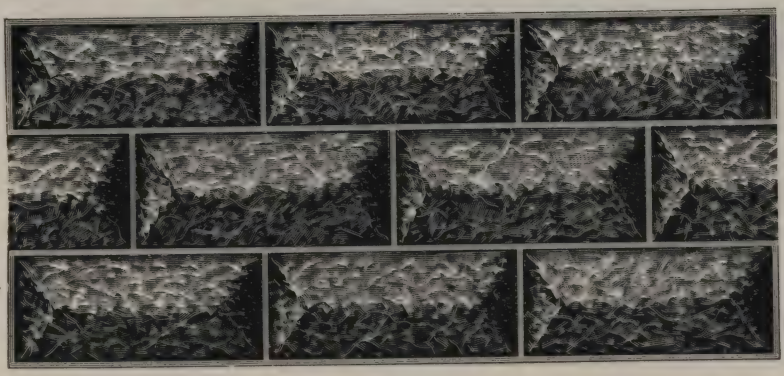
Is made from No. 28 Gauge Bessemer Steel painted and Best Bloom Galvanized Steel. Size of stone $9^1/_3$x20 inches.

We do not allow for side or end laps, but charge for full width and length of sheets.

A square consists of $8^4/_7$ sheets 60 inches long by 28 inches wide.

When applied has the appearance of Rock Faced Stone. For complete instructions, see page 62.

No. 26



Design No. 2

Is made from No. 28 Gauge Bessemer Steel painted and Best Bloom Galvanized Steel. Size of stone 7x12 inches.

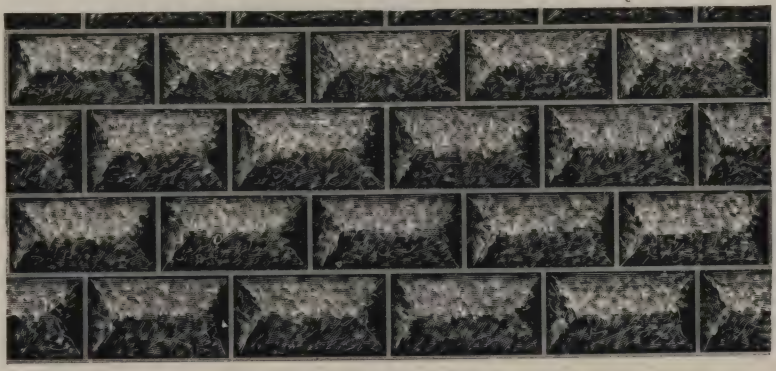
We do not allow for side or end laps, but charge for full width and length of sheets.

A square consists of $8^4/_7$ sheets 60 inches long by 28 inches wide.

When applied has the appearance of Rock Faced Stone.

For complete instructions, see page 62.

No. 295



Write for Special Net Prices.

Design No. 3

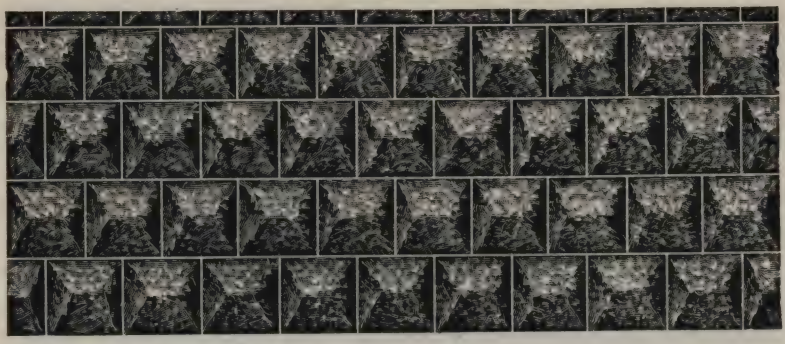
Is made from No. 28 Gauge Bessemer Steel painted and Best Bloom Galvanized Steel. Size of stone 6x6 inches.

We do not allow for side or end laps, but charge for full width and length of sheets.

A square consists of 10 sheets 60 inches long by 24 inches wide.

When applied has the appearance of Rock Faced Stone. For complete instructions, see page 62.

No. 296



Design No. 4

Is made of No. 28 Gauge Bessemer Steel painted and Best Bloom Galvanized Steel. Size of stone 6x6 inches.

We do not allow for side or end laps, but charge for full width and length of sheets.

A square consists of 10 sheets 60 inches long by 24 inches wide.

When applied has the appearance of Rock Faced Stone. For complete instructions, see page 62.

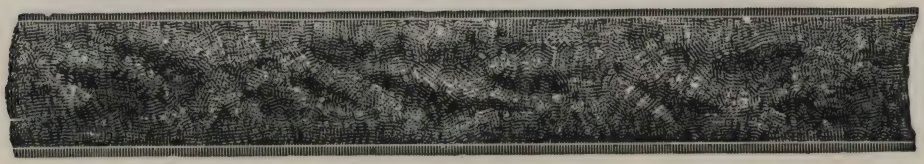
No. 297

Write for Special Net Prices.

CONTINUOUS ROCK FACED STONE

Is made of No. 28 Gauge Steel in 5 foot lengths and used for Belt Courses and Window Sills.

No. 161

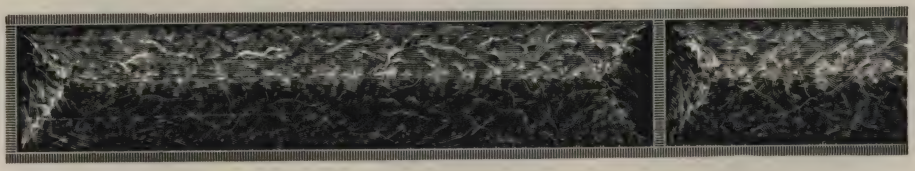


Price List

	Black Steel Painted	Best Bloom Galvanized Steel
6 inches wide, per lineal foot	4½ cents	6 cents
8 inches wide, per lineal foot	6 cents	8 cents
10 inches wide, per lineal foot	7½ cents	10 cents
12 inches wide, per lineal foot	9 cents	12 cents

BROKEN CONTINUOUS ROCK FACED STONE

No. 298



Price List

	Black Steel Painted	Galvanized Steel
6 inches wide, per lineal foot	6½ cents	8 cents
8 inches wide, per lineal foot	8 cents	10 cents
10 inches wide, per lineal foot	9½ cents	12 cents
12 inches wide, per lineal foot	11 cents	14 cents

Write for Discounts.

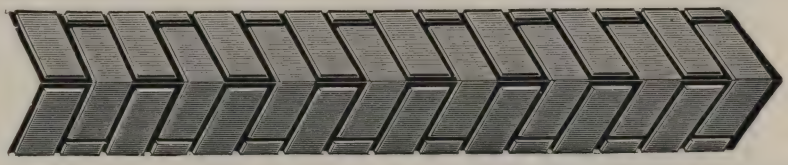
Corner Trimmings

Are made of No. 28 Gauge Steel and used to finish the corners of buildings sided with our Iron Weather Boarding, Pressed and Rock Faced Brick and Stone.

No. 162

	Black Steel Painted	Best Bloom Galvanized Steel
Metal Corner Board in 10 foot lengths	4 cents per foot	6 cents per foot

No. 163



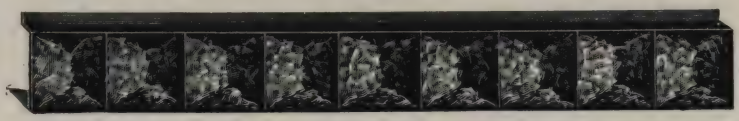
	Black Steel Painted	Best Bloom Galvanized
Pressed Brick Corner Finish	5 cents per foot	7 cents per foot

No. 164

	Black Steel Painted	Best Bloom Galvanized
Rock Faced Brick Corner Finish	6 cents per foot	8 cents per foot

Rock Faced Stone, Door and Window Case Trimming

No. 299



Size of Stone 6x6 inches

Best Bloom Galvanized Steel....16 cents per foot Black Steel, painted.....13 cents per foot.

Write for Discounts.

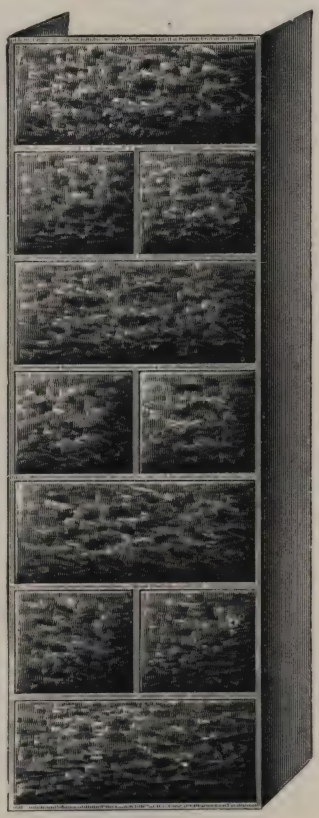
Corner Trimmings

Are made of 28 Gauge Steel to represent 12-inch stone.

Before placing panels in position, nail two $\frac{7}{8}$-inch boards, each the width of the stone, to the building, then place the panels in position. After the panels are in place proceed to apply the siding.

Prices on Pilasters without the projection, furnished on application.

No. 300 No. 165 No. 166



Price List	Black Steel Painted	Best Bloom Galvanized Steel
No. 165 Rock Faced Stone Panels, size 12x12 inches	18 cents per foot	24 cents per foot
No. 300 Rock Faced Stone Quoins, size 12x16 inches	25 cents per foot	32 cents per foot

No. 166 Rock Faced Stone Pilaster

	Black Steel Painted	Best Bloom Galvanized Steel
10 inch Face with 4 inch projection	13½ cents per foot	18 cents per foot
12 inch Face with 4 inch projection	15 cents per foot	20 cents per foot
16 inch Face with 4 inch projection	18 cents per foot	24 cents per foot

Write for Discounts.

The Kanneberg Roofing and Ceiling Co.

KANNEBERG STEEL VENTILATORS

Made of heavy galvanized steel adapted for barns, factories and other buildings.

No. 154

Price List

22 inch Base, 15 inch Drum, 6½ feet high.....$17.00

28 inch Base, 21 inch Drum, 8½ feet high.....$20.00

Write for Discounts.

No. 155

Square Louvre Ventilators

No. 369

Price List

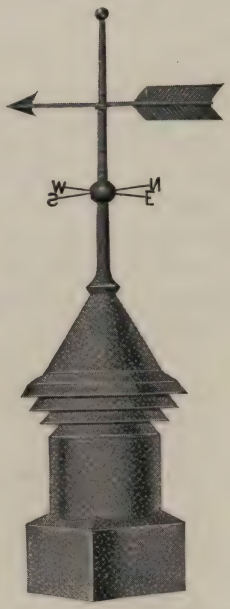
18 inch Base, 5 feet high.....$18.00
24 inch Base, 6½ feet high... 22.00
28 inch Base, 8 feet high..... 24.00
36 inch Base, 10 feet high.... 30.00

Write for Discounts.

No. 368

No. 156

No. 153



28 inch Base, 21 inch Drum,
10 feet high... Price, $26.00

Price List—No. 156

Base	Drum	Height	
15 inches.....	10 inches.....	4 feet.....	$10.00
18 inches.....	12 inches.....	5 feet.....	12.00
22 inches.....	15 inches.....	6½ feet.....	15.00
28 inches.....	21 inches.....	8½ feet.....	18.00
35 inches.....	29 inches.....	11 feet.....	22.00

Write for Discounts.

The "Royal" Ventilator

The "Royal" Ventilator, owing to its construction, has a greater exhaust or ventilating area than any other ventilator of the same diameter and is absolutely storm-proof. The "Royal" Ventilator has an efficiency that is well known to Architects, Engineers, prominent Builders and others throughout the country. It is made of either galvanized iron or copper, in all sizes to suit all conditions, and to meet every requirement for the ventilation of Barns, Churches, School-houses, Public Buildings, Residences, Power-houses, Locomotive Roundhouses, Cotton and Woolen Mills, Carpet and Paper Mills, Ferry-boats, etc.

No. 173

To obtain best results the ventilator cap should have as large a capacity as the opening over which it is placed.

Prices named below do not include the base. We can make base to fit any roof or chimney if furnished with exact dimensions. Prices would be according to size and style wanted. We furnish dampers if wanted, thereby regulating the draft.

The "Royal" Ventilator Price List

2 inch.....$2.00	7 inch.....$ 4.00	24 inch.....$40.00
2½ inch..... 2.00	8 inch..... 4.65	28 inch..... 56.00
2¾ inch..... 2.00	9 inch..... 5.20	30 inch..... 65.00
3 inch..... 2.00	10 inch..... 5.75	34 inch.....100.00
3½ inch..... 2.25	12 inch..... 6.75	36 inch.....120.00
4 inch..... 2.25	14 inch..... 13.00	40 inch.....180.00
4½ inch..... 2.50	16 inch..... 20.00	48 inch.....240.00
5 inch..... 2.50	18 inch..... 27.00	60 inch.....360.00
5½ inch..... 2.50	20 inch..... 33.00	72 inch.....470.00
6 inch..... 3.40		

Write for Discounts.

Revolving Chimney Caps

Are made of No. 24 Gauge Best Bloom Galvanized Steel and used to increase the draft of smoky chimneys.

They are so constructed that the caps revolve on heavy glass bearings, are easily turned and adjusted by a very slight pressure of wind.

No. 174

Prices named below do not include the pipe or base for chimney.

We can make a pipe or base of Galvanized Steel to fit any chimney, if furnished with exact size and dimensions. Prices quoted on receipt of specifications.

The sizes named below are always kept in stock, but should larger sizes be desired, we can furnish them on short notice.

Price List

4 inch	$2.00
5 inch	2.00
6 inch	2.00
7 inch	2.50
8 inch	2.50
9 inch	2.75
10 inch	3.00

Write for Discounts.

GAUGES AND WEIGHTS OF KANNEBERG SHINGLES, ROOFING AND SIDING

The weight of steel sheets, before being painted or galvanized, is based on United States Standard Gauge, at so much a pound per square foot flat, as follows:

Number of Gauge	28	26	24	22	20	18
Weight in Pounds	62.5	75	100	125	150	200

Approximate Shipping Weights per Square (100 Sq. Ft.)

FOR FORMED PAINTED STEEL

Number of Gauge	28	26	24	22	20	18
Kanneberg Pat. Roofing	74 lbs.	89 lbs.				
Pressed Standing Seam Roofing	74 lbs.	89 lbs.				
Self-Capping Roofing	74 lbs.	89 lbs.				
Roll and Cap Roofing	74 lbs.	89 lbs.				
Corrugated	69 lbs.	84 lbs.	111 lbs.	138 lbs.	165 lbs.	220 lbs.
V-Crimped	69 lbs.	84 lbs.	111 lbs.	138 lbs.	165 lbs.	220 lbs.
Beaded	69 lbs.	84 lbs.	111 lbs.	138 lbs.	165 lbs.	220 lbs.
Weather Boarding	72 lbs.					
Pressed Brick	69 lbs.					
Rock Faced Stone and Brick	69 lbs.					
Cluster Shingles	74 lbs.					

GALVANIZED STEEL

Number of Gauge	28	26	24	22	20	18
Kanneberg Pat. Roofing	90 lbs.	104 lbs.				
Pressed Standing Seam Roofing	90 lbs.	104 lbs.				
Self-Capping Roofing	90 lbs.	104 lbs.				
Roll and Cap Roofing	90 lbs.	104 lbs.				
Corrugated	86 lbs.	99 lbs.	127 lbs.	154 lbs.	182 lbs.	236 lbs.
V-Crimped	86 lbs.	99 lbs.	127 lbs.	154 lbs.	182 lbs.	236 lbs.
Beaded	86 lbs.	99 lbs.	127 lbs.	154 lbs.	182 lbs.	236 lbs.
Weather Boarding	91 lbs.					
Pressed Brick	86 lbs.					
Rock Faced Brick and Stone	86 lbs.					
Cluster Shingles	90 lbs.					

Steel Shingles

	Size		Size		Size	
Bessemer Steel, Painted	14x20	76 lbs.	10x14	84 lbs.	7x10	95 lbs.
IX Terne Tin, Painted	14x20	84 lbs.	10x14	91 lbs.	7x10	103 lbs.
Galvanized	14x20	88 lbs.	10x14	97 lbs.	7x10	105 lbs.

WEIGHTS OF GALVANIZED STEEL CONDUCTOR PIPE

Adopted by Manufacturers, October 1, 1912

PLAIN ROUND

Galvanized Sheet Gauge	Ounces per sq. foot	SIZE							
		1½ in.	2 in.	2½ in.	3 in.	3½ in.	4 in.	5 in.	6 in.
30	10½	29 lbs.	37 lbs.	45 lbs.	53 lbs.	61 lbs.	69 lbs.	86 lbs.	102 lbs.
29	11½	32 lbs.	40 lbs.	49 lbs.	58 lbs.	67 lbs.	76 lbs.	94 lbs.	111 lbs.
28	12½	35 lbs.	44 lbs.	53 lbs.	63 lbs.	73 lbs.	82 lbs.	102 lbs.	121 lbs.
27	13½	.....	48 lbs.	58 lbs.	68 lbs.	79 lbs.	90 lbs.	111 lbs.	131 lbs.
26	14½	.....	51 lbs.	63 lbs.	74 lbs.	85 lbs.	96 lbs.	119 lbs.	141 lbs.
24	18½	.....	.....	.....	95 lbs.	109 lbs.	123 lbs.	152 lbs.	180 lbs.

ROUND CORRUGATED

Galvanized Sheet Gauge	Ounces per sq. foot	SIZE							
			2 in.		3 in.		4 in.	5 in.	6 in.
30	10½	.....	42 lbs.	.....	53 lbs.	.....	69 lbs.	86 lbs.	102 lbs.
29	11½	.....	47 lbs.	.....	58 lbs.	.....	76 lbs.	94 lbs.	111 lbs.
28	12½	.....	51 lbs.	.....	63 lbs.	.....	82 lbs.	102 lbs.	121 lbs.
27	13½	.....	55 lbs.	.....	68 lbs.	.....	90 lbs.	111 lbs.	131 lbs.
26	14½	.....	59 lbs.	.....	74 lbs.	.....	96 lbs.	119 lbs.	141 lbs.
24	18½	.....	.....	.....	95 lbs.	.....	123 lbs.	152 lbs.	180 lbs.

SQUARE CORRUGATED

Galvanized Sheet Gauge	Ounces per sq. foot	SIZE						
			2 in.		3 in.		4 in.	5 in.
30	10½	.....	42 lbs.	.....	55 lbs.	.....	73 lbs.	90 lbs.
29	11½	.....	46 lbs.	.....	60 lbs.	.....	80 lbs.	99 lbs.
28	12½	.....	50 lbs.	.....	65 lbs.	.....	87 lbs.	107 lbs.
27	13½	.....	55 lbs.	.....	71 lbs.	.....	94 lbs.	117 lbs.
26	14½	.....	59 lbs.	.....	76 lbs.	.....	101 lbs.	125 lbs.
24	18½	.....	.....	.....	98 lbs.	.....	130 lbs.	160 lbs.

WEIGHTS OF GALVANIZED STEEL EAVE TROUGHS

Adopted by Manufacturers, October 1, 1912

SINGLE BEAD—LAP JOINT

Galvanized Sheet Gauge	Ounces per sq. foot	SIZE							
				3 in.	3½ in.	4 in.	4½ in.	5 in.	6 in.
30	10½	.....	.....	32 lbs.	37 lbs.	42 lbs.	48 lbs.	53 lbs.	64 lbs.
29	11½	.....	.....	35 lbs.	40 lbs.	46 lbs.	52 lbs.	58 lbs.	70 lbs.
28	12½	.....	.....	38 lbs.	44 lbs.	50 lbs.	57 lbs.	63 lbs.	76 lbs.
27	13½	.....	.....	41 lbs.	48 lbs.	54 lbs.	61 lbs.	68 lbs.	82 lbs.
26	14½	.....	.....	44 lbs.	51 lbs.	58 lbs.	66 lbs.	73 lbs.	88 lbs.
24	18½	.....	.....	.....	.....	75 lbs.	84 lbs.	93 lbs.	112 lbs.

SINGLE BEAD—SLIP JOINT

Galvanized Sheet Gauge	Ounces per sq. foot	SIZE							
				3 in.	3½ in.	4 in.	4½ in.	5 in.	6 in.
30	10½	.....	.....	32 lbs.	38 lbs.	43 lbs.	49 lbs.	54 lbs.	65 lbs.
29	11½	.....	.....	35 lbs.	41 lbs.	47 lbs.	53 lbs.	59 lbs.	71 lbs.
28	12½	.....	.....	39 lbs.	45 lbs.	52 lbs.	58 lbs.	65 lbs.	78 lbs.
27	13½	.....	.....	42 lbs.	49 lbs.	56 lbs.	63 lbs.	70 lbs.	84 lbs.
26	14½	.....	.....	45 lbs.	52 lbs.	60 lbs.	67 lbs.	75 lbs.	90 lbs.
24	18½	.....	.....	.....	.....	77 lbs.	86 lbs.	96 lbs.	115 lbs.

TERMS

Parties desiring credit must have good commercial rating or furnish satisfactory bank reference to whom we may write for a report.

While the absence of any rating may not imply that the party is not perfectly responsible, yet under such conditions we can execute the order, make shipment to our own order and send draft with bill-of-lading attached—for collection—through Bank or Express Company, whichever the customer may prefer. We then mail invoice direct, which will give the amount of draft and where the customer may call and pay it, upon arrival of the goods. The bill-of-lading is evidence of shipment.

We guarantee our goods to be first-class and as represented. Claims for errors must be made upon receipt of goods, otherwise they will not be considered. We send railroad receipt with every invoice.

Let it be remembered, that goods shipped as directed and receipted for in good order are at the risk of the purchaser, and that the railroad by which they are forwarded is responsible to the purchaser for all damages and unnecessary delays.

We also Manufacture

SKYLIGHTS

CRESTINGS

FINIALS

CORNICES

STORE FRONTS

METAL CEILINGS

METAL SIDEWALLS

ALL SPECIAL SHEET METAL WORK

Send for Special Catalog on such of these items as interest you. Free on request.

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George Batten Company, Advertising, New York

For Reference

Not to be taken from this room